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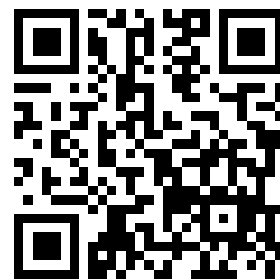
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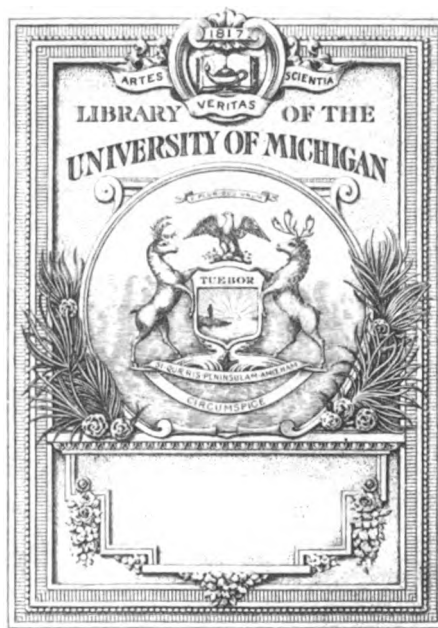
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1930

"MONOTYPE" STANDS UP TO STEREO!

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The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

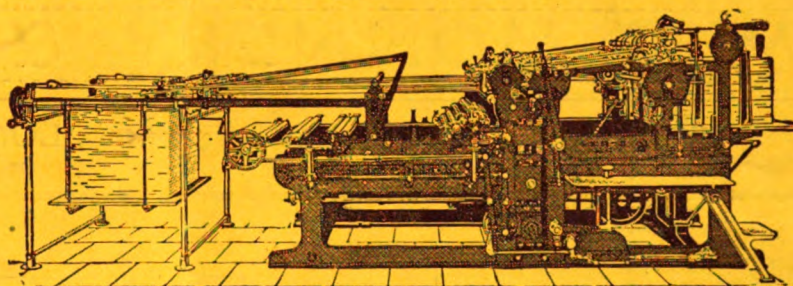
VOLUME 106
NEW SERIES No. 62

LONDON: JANUARY 2, 1930

EVERY THURSDAY
PRICE THREEPENCE

ECONOMY

by
using
the



8 Models: Quad Royal down to Medium. Speeds: 1,700 to 3,600 per hour

AUTO-PHENIX

TWO-REVOLUTION PRESS

FOUR POINTS:

- 1 ENORMOUSLY INCREASED OUTPUT.**
The press being one unit, absolutely automatic, easy and efficient. Running up to 3,600 per hour on the smallest machine.
- 2 ECONOMY IN FLOOR SPACE — SAVING RENT,** the machine, equipped with its built-in Feeder, takes no more space than a hand-fed machine.
- 3 FINEST INKING** by a patented system, which is a combination of slab and pyramid, eliminating double rolling and giving considerable saving in ink used and in set-off troubles.
- 4 DEAD REGISTER** at high speeds ensuring an exceedingly small percentage of spoils and a fine output.

If you will let us demonstrate, you will see many other important features which make the "Auto-Phoenix" the most economical Two-Rev. on the market to-day.

Sole Agents for
London District,
South & West of
England for

JOHN
RATCLIFF &
SONS

"RELIABLE"
DIRECT ROTARY,
ROTARY OFFSET,
AND TIN-
PRINTING PRESSES.

JOHN & WM. BURT & SONS, Ltd.

156, CALEDONIAN ROAD,
LONDON, N.1.

Telephone: NORTH 3487-8.

Sub Agents for Ireland:

THE HAYWARD CO., 8, Cope Street, Dublin, C.4

"Bezi"
Feeder for
all sizes
Phoenix
Platens.

A large variety
of High-Class
Second-hand
Machines always
in stock.

YOU CANNOT BUY A BETTER TWO-REV.

"Fryotype" Printing Metals

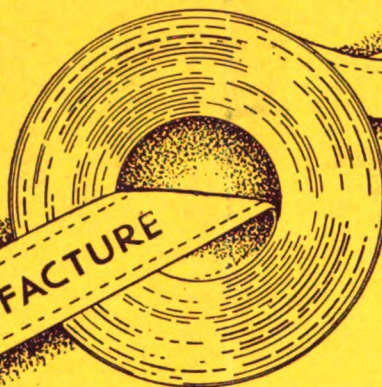
WHEN STOCKS ARE LOW — Hop 4720

Millingtons for Quality Stationery
BASILDON WORKS,
TOTTENHAM,
LONDON, N.16

BLUE LINE DUPLEX TAPE

GREAT STRENGTH

Blue Line Tape is of a higher grade and greater strength than any hitherto marketed in this country. With a customer who has tried out this tape, it won for itself the name of "Non-stretching tape." Its strength and non-stretching qualities make it especially suitable for FOLDING MACHINERY and superior to other tapes for use on every class of machinery. Send us your enquiries.



ALL WIDTHS

NO DRESSING

We are the actual manufacturers of this tape.

All widths are kept in ample stock at Thavies Inn stock rooms.

The price is competitive and we solicit your enquiries before you order your next requirements in machinery tape.

W. G. MONNERY & CO. LTD.

15 & 16 Thavies Inn, Holborn Circus, LONDON, E.C.1.

'Phone: CENTRAL 4751.

Established 1800.



TINTS

The possibilities of mechanical tints are seldom exploited to the full. Twenty-eight tints were used on an open-line drawing to produce the illustration to this advertisement. Why not let us produce engravings like this for you? Choice of tints may be left entirely to us.

NICKELOID



THE NICKELOID ELECTROTYPE COMPANY LIMITED, PRINTER STREET, LONDON, E.C. 4.—9791 CENTRAL

The British & Colonial Printer And Stationer

FOUNDED 1878 — PUBLISHED WEEKLY

VOLUME 106
NEW SERIES No. 62

LONDON: JANUARY 2, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

Now is the time when printers and everybody else turn over in their minds what they might do in the way of improvement for the year just beginning. It does not greatly matter that, in general, what they are going to do wears down as the newness wears off the year; the procedure is customary and has to be taken for granted. Here and there, new ideas are put into practice, and resolutions are not only made but carried out. In these cases there is solid gain and a deal of satisfaction. Any time is the right time to take a survey of business from a fresh viewpoint, but there is something peculiarly appropriate in contemplating change and improvement at the juncture where one year ends and another begins. More particularly in the case of businesses which have their trading year terminating flush with the last day of the calendar year is it desirable to set in motion improved systems or inaugurate steps for the development or better control of the business. With similar reasoning, it is opportune for us to devote our paragraphs to a survey of some directions in which resolutions might usefully be made by some printer or other who senses possible value for his own particular case.

* * *

FIRST and foremost, there is the Costing System—tested and tried in so many offices, turned out by none, and remaining still to be adopted by a number of smaller printers. No more helpful resolution could be made by members in the latter category than to institute costing on a scientific and

fully informative basis. The Federation Costing System is scientific in its accountancy principles, and has no limit as a means of furnishing information. To those printers who have for many years used and appreciated the Costing System, it may be suggested that further value can be extracted from it—weekly comparison of machine hours, individual and in the aggregate, regular comparison of wage and production, the relative ratios, proportion of non-productive wage, etc., etc. In the composing room, a steady policy should be at work, with diminution of non-production as its object. Elimination of distribution may not be a possibility if we desire it absolute, but progress along the lines of partial elimination is fast being realised as a practical proposition. Controlling and guiding figures are available through the docket returns if the printer cares to make them so. Always the percentage ratio is the factor embodying the most directly valuable help.

* * *

SET out to find ways and means of reducing stoppage, make-ready time, washup and non-productive time in the machine room. We are too prone to accept make-ready as an inevitable accompaniment of letterpress printing. It would do some printers good to watch the start-up of an offset press in the hands of a capable minder. Compared with the hours of the letterpress department offset make-ready is to be reckoned almost in minutes. Granted the difference in basic method, the relief surface against the planographic and any other

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fundamentals that may be urged, it still remains that perfect type, perfect blocks, accurate dressing and machine precision should give a workable impression. Make-ready is a remedy for imperfections, and the greater the amount of imperfection the longer the time spent on make-ready. Worn type is the prime evil, antiquated machinery comes next in the list of factors which lie at the roots of inferior printing and costly expenditure of time. A good resolution for the new year is to decide definitely and permanently that make-ready is a weakness to be remedied. It may not be possible to eliminate it altogether, but it is certainly possible to reduce the hours spent on it.

RESOLVE to develop the composing room along lines of mechanical setting, giving the machines new material to work from and melting up the type after printing. Incidentally, cast your stereotypes from machine-set matter, and there will be less ruination of costly foundry type. Mechanical type setting, casting and machine production of rules, leads and furniture are the roads to one-hundred-per-cent. production in the composing room and the direct routes to reduction of make-ready time in the machine room.

THE next resolution to frame is one of vital importance to the trade in general and every printer in particular. Resolve to conduct the paper side of the business in an orderly and economic manner. Commence by studying the stock-taking sheets more carefully than usual. Note the preponderance of fragments and remnants. Compare with previous records to see how long some of the lines have been in stock. Follow-up by a survey of the stock itself and note the condition. Observe the clerical work involved in calculating on the basis of reams, quires, sheets, grosses and hundreds. Differentiate if you can between reams which are 472, 480, 500 and 516 sheets to the parcel. Compare the total value of stock with previous years; consider whether a rational policy of paper buying and paper usage would reduce the overhead costs on paper and simplify the maintenance and control of the stock. Then resolve to definitely and finally join the more progressive body of printers who work absolutely to the approved system of standardisation. In fact, go further and join the leaders who have standardised their paper stocks, simplified their buying and entirely cut out the practice of allowing remnants and odd lines to monopolise their storage space.

AND so we could go on with good resolutions that ought to be made and adhered to by every printer who has either enthusiasm or love for his business. There is salesmanship, craftsmanship, the cultivation of a fresh mentality in regard to created work, improvement in bookkeeping method, overhauling of insurances, the fostering of a better spirit in the factory and so forth. Perhaps the best suggestion we can make is the one we are inclined to adopt for our own case, which is to chart a list of the things to be aimed at and ultimately accomplished. The pocket-book or wallet is the place in which to keep the record, so that there is a constant reminder of the objectives. Periodically there is the satisfaction of being able to cross out accomplishments—which in effect means that the business has reached a higher stage of efficiency.

MR. B. A. TAPP, the managing editor of the *Industrial and Technical Buyer*, is retiring after two years' service in that post.

Personalia

IN the New Year Honours List, Knighthood is conferred upon Mr. Emery Walker, process engraver and printer, director of Emery Walker and Co., Ltd. An outstanding figure in the printing craft, he is past master, Art Workers' Guild; late president Arts and Crafts Exhibition Society; a trustee of Wallace Collection, and Fellow of Society of Antiquaries. Like honour is conferred upon Mr. Alfred W. Tyler, manager, Co-operative Printing Society.

MR. FRANCIS J. CONNOLLY has resigned as managing director of the firm of Messrs. Francis J. Connolly, Ltd., Union Works, 62, Park street, Southwark, a position which he has occupied since 1920. He is completely severing his connection with the company. Correspondence for the personal attention of Mr. Connolly may be addressed to "The Printer," 58, Shoe-lane, E.C.4.

MR. A. SAUVEE and Mr. W. E. S. Debenham, chairman and secretary respectively, who were co-directors with Mr. Connolly, are taking over the business, together with all assets and liabilities.

SIR WILLIAM WATERLOW, Lord Mayor of London, consented to open yesterday (Wednesday) a collection of foreign printed matter and advertising material at the galleries of the Royal Society of British Artists, Suffolk Street, S.W. The collection, brought together by *Advertising Display*, represents the best work of 14 countries.

MR. AND MRS. RALPH C. HAZELL have endowed a bed at the Lloyd Memorial (Caxton) Seaside Home in memory of their brother, the late Mr. W. Howard Hazell who was widely known for his philanthropic and business capacity. The endowing of a bed in the printers' convalescent home at Deal, will not only perpetuate his memory but will at the same time benefit those employed in the craft of which the late Mr. W. Howard Hazell was such an honoured and recognised authority.

IN honour of Sir George Wyatt Truscott, the senior member of the Court of Aldermen, and the spokesman of that body on official occasions, the City Livery Club will give a luncheon at Carpenters' Hall on January 15th.

LIEUTENANT-COLONEL H. K. STEPHENSON, D.S.O., D.L., J.P., chairman of the typefounding firm of Messrs. Stephenson, Blake and Co., has been presented with the freedom of Sheffield. Colonel Stephenson was presented with a casket similar to that given to Mr. Ramsay MacDonald, the Prime Minister, who was also made a Freeman at the same ceremony.

MR. R. W. HATTON, works manager for the *Daily News and Star* for 17 years, was on Saturday given a complimentary dinner by the firm's Overseers' Guild on his leaving to take up another important post.

MR. FRANK COTTRELL, the composing-room overseer of the *Birmingham Gazette*, has been presented by the staff with a wireless set and entertained at lunch on his retirement.

MR. JOHN WALTER gave a lecture on *The Times*, arranged by the London Society, on December 20th, in the hall of the Royal Society of Arts, Adelphi. Mr. A. H. Pollen presided.

WE acknowledge, with many thanks, greetings and good wishes from readers in all parts of the world. Messages have arrived from India, Australia, New Zealand, Canada, the United States, and elsewhere, as well as from friends at home. These are a great encouragement to fresh exertions in the future. We reciprocate the good wishes in the most cordial manner.

**YET ANOTHER
PONY AUTOPLATE USER SAYS
“REPEAT”**

THE DERBY DAILY EXPRESS
**in July 1928 ordered their
FIRST MACHINE**

**We are now building for them a
SECOND MACHINE**

*The most simple and efficient
semi-automatic stereotyping machine*

Head Office:
9 Kingsway
London

LINOTYPE & MACHINERY LTD.

Works:
Altrincham
Cheshire

Exhibition of American Printing

Evidence of Progress

Printers from all parts of the country visited the London School of Printing during the latter half of December to see the representative array of American typography which Mr. J. R. Riddell (Principal of the School) was able to exhibit as a result of his recent three months' industrial and educational investigation in the United States.

Printing is an advanced art in America, although the present tendency is to concentrate on the quickening of output and on an automatic standard of quality of production. Twenty-five years ago the United States was taking many of the best British craftsmen, but with the present immigration laws the drift from this country has been checked, and as there is no apprenticeship system the quality of craftsmanship among American printers is said to be declining, and greater reliance has to be placed on the machine.

There was very little evidence of declining craftsmanship at the L.S.P. exhibition, however; and even though the work was produced by mechanical means it merely went to show the advantages and possibilities of a machine age.

There was much that was impressive about the large sheets of label work for advertising, which immediately arrested the eye as one entered the hall. The results obtained spoke highly for the multicolour printing machines which produce this kind of work. Looking round the many fine exhibits of business stationery printing, one could not help thinking how far advanced the Americans are in this matter. The quality of the printing, the designs and the paper were of the best.

Probably most printers made a bee-line for the new water-colour printing specimens, and these certainly justified attention. They were produced by the Jean Berté process, being printed in water-colour ink from rubber blocks. The brilliance of colour combined with softness obtained by this process is one of its most prominent features.

The photo-litho specimens on view were also of very high quality, and the examples of photogravure—which has been taken to a very high standard in America—were well worthy of note, especially the sheets of book illustration. Probably the most striking specimens in the latter process were those produced by the Sadag process.

The work produced by the press of William Edwin Rudge stands unsurpassed in America for all that is best in the printing craft, and Mr. Riddell was able to exhibit some very valuable specimens of Rudge workmanship. These included a number of beautifully printed volumes, their typography being very fine, and some of the illustrations providing striking examples of the Aquatone process. This process, of which little is heard in this country, is really based on the collotype method of printing, but the gelatine film is spread on an aluminium plate, and impressions are obtained on the litho-offset machine at a rate of from three to five thousand per hour. In the same case as the Rudge volumes, there was a series of half-tone four-colour printings on hand-made paper. These came from the famous Pierpont Morgan collection, and were notable for their delicacy and weight of colour.

Other features of the exhibition were specimens of American newspapers on which the type was so crowded, and in some cases so large, that a "black" appearance was the result. The coloured photogravure supplements to these papers are entirely different from

anything produced in this country. There were also some large posters, the illustrations for which had been produced from wood blocks.

The whole exhibition not only gave an instructive idea of the trend of events in American printing today, but it also showed that the keynote in American printing is enterprise and progress. It showed that the machine has been developed to a very high degree in all classes of work, and, if quality has been sacrificed for the sake of quantity, there seems to be every indication that with the ultimate perfection of the machine, this fault will disappear.

Mr. Charles I. Ferguson Retires

A farewell dinner was given at the Royal Automobile Club on December 20th to Mr. Charles I. Ferguson on his retirement from the managing directorship of the Ault and Wiborg London Company, the well-known printing ink and roller manufacturers, of Standen Road, Southfields. During the course of the dinner, which was attended by many of the staff of Messrs. Ault and Wiborg, Mr. Ferguson was made the recipient of a silver salver, suitably inscribed, and Mrs. Ferguson was presented with a silver tray. Mr. A. J. A. Kennedy, the secretary of the company, Mr. Weimar Cross, the sales manager, Mr. J. P. Marris, works manager, and other members of the firm testified briefly to the able manner in which Mr. Ferguson had helped to build up the business of Ault and Wiborg in this country; and a film illustrating the factory premises at Southfields and the staff was shown during the evening.

It was stated that the Ault and Wiborg London Company would henceforward be known as Ault and Wiborg Limited, although it would still retain its connection with the International Printing Ink Corporation of America.

Playing Card Makers

The Lord Mayor and Sheriffs attended the Master and Wardens' inauguration dinner of the Playing Card Makers' Company at Salters' Hall, on December 20th. Mr. Sidney Lamert, the Master, presided, and was supported by Mr. William S. Cutler, senior warden, and Mr. Water H. Moresby, junior warden.

Mr. Justice Clauson proposed the civic toast, and the Lord Mayor responded.

The Master said that for 300 years members of the Guild had carried on the work of makers of playing cards. He was glad to say that they were holding their own against the playing card manufacturers of the world.

Lord Brentford, Mr. W. R. Codling, Controller of the Stationery Office, and Mr. H. Gordon Selfridge replied to the toast of "The Visitors."

Each Liveryman and guest at the dinner was presented with a pack of playing cards made to commemorate the King's recovery from his illness. The back of the cards bore a coloured portrait of the King, special permission having been granted by him for the issue, which is limited to the Livery.

HEADED "For the Assistance of Editors," a small "Directory of Specialist Writers" has been issued by the National Union of Journalists (Trade and Periodical Branch).

BLANKETS for Newspaper PRESSES

"LIGHT-AUTO" Re-pressed FELTS

ADVANCEMENT in Newspaper Printing at high speeds, perfect impression required for the printing of half-tones, and the necessity of eliminating stoppages, as far as possible, make the "LIGHT-AUTO" Re-pressed Felt Blanket worthy of attention for all Newspaper men. We have investigated fully and carefully the working of these blankets and we have confidence in recommending them as a great advance, giving as they do, a blacker impression, with cleaner paper, longer life, and largely eliminating paper breaks between the cylinders. The resiliency of these blankets, combining as it does a yielding impression with great rigidity, keeps the cylinders to the correct diameter, and being free from the tendency of the usual blanket to become embossed, ensures correct peripheral speed.

The best printing results are obtained when the press is dressed complete with "LIGHT-AUTO" FELTS and "EVERWEAR" Oil and Ink-proof Rubber Blankets.

It is inadvisable to use the "LIGHT-AUTO" on the second impression cylinders only, as the difference in the feed of the paper from the rough surface of ordinary felts on the first impression to the smooth surface of the "LIGHT-AUTO" on the second impression may cause the paper to slide and blur.

Generally speaking, good printing is only possible when the cylinders are travelling in perfect unison, when they will maintain their equality for an indefinite period. This condition is attained with the "LIGHT-AUTO," as the surface of the blanket is substantially wear-resisting. The only effect of continued use is the natural compression of the felt, and experience proves that this is almost negligible.

The effect of printing from the "LIGHT-AUTO" is different from that by any other method. With the old style felt blanket, the paper, in passing through the machine, is gripped by the plates and felts. Any variation in impression or plate thickness causes a variation in sheet feed. The "LIGHT-AUTO" does not allow the paper to bed into the blanket. The surface is such that the sheet travels freely and cleanly over it, making the sheets draw perfectly under all conditions. An absence of wear on the plates is noted, and the blankets, being oil and ink-proof, are not affected by atmospheric changes or machine-room conditions. The "LIGHT-AUTO" surface will not peel or crack, and frictional wear is prevented.

The nap of the felt blanket being laid down and held by the surface coating gives "LIGHT-AUTO" a smooth surface unequalled for good printing.

"LIGHT-AUTO" is guaranteed to give full service and tympani are quite unnecessary.

The blanket surface being non-absorbent, less ink is required and better results are obtained, as there is no offset, the last prints being as clean as the first, no matter whether the edition is 1,000 or 100,000.

"LIGHT AUTO" is in regular use in an increasing number of machine-rooms and is giving entire satisfaction.

WILLIAM J. LIGHT & CO., LTD.

MANUFACTURERS and SPECIALISTS

36-38, WHITEFRIARS ST., FLEET ST., LONDON, E.C.4.

Telephone : Central 3839

Telgrams : Winkolight, Fleet, London.

Fisher Bookbinding Co.

Successful Annual Dinner

The annual dinner of the House of "Fishers"—the Fisher Bookbinding Co. (1912), Ltd.—held on Friday, December 20th, at the Bridge House Hotel, London Bridge, proved a most enjoyable and successful function. The event, being so near to the 25th of December, had the spirit and goodwill of a happy family Christmas party. Sir Herbert Lidiard (chairman of the Company) presided, and there were also present, amongst others, Miss G. V. Woodman (managing director), Mrs. Beatrice Warde, Lieut.-Col. Roy F. Truscott and Messrs. A. E. Goodwin (Director, Master Printers' Federation), Percy Ryde, P. F. Woodman, A. F. Sowter, J. W. Harden, E. T. West, R. H. Parfitt and G. A. Noble. Mrs. Woodman was not able to be present owing to illness, and Mr. C. C. Staniforth (another director) was absent on account of a bereavement. During the evening a presentation of a very useful hand-bag was made to Miss Woodman by the employees as a token of their regard, and Messrs. W. Bampton and W. G. Howell were each presented at the hands of the chairman with suitably-inscribed clocks as a mark of their long services with the firm.

Following the toast of "The King," Mr. W. H. Kingston, in proposing the health of "The Firm," made the presentation to Miss Woodman referred to above, and in doing so asked the recipient to accept the gift, subscribed for by the employees, as an appreciation of their goodwill.

Miss Woodman having returned thanks for the gift and the good wishes accompanying it, the chairman, in responding to the toast, thanked those present on behalf of himself and the board of directors for the hearty way in which the toast had been honoured. Sir Herbert spoke eulogistically of the part played by Miss Woodman in all that had to do with the welfare of the employees. He believed she had her heart and soul in the business and those connected with it. He concluded by congratulating the employees on the excellent work done at the works.

Lieut.-Col. Roy F. Truscott, in the unavoidable absence of Mr. C. C. Staniforth, proposed "The Staff," and referred to the value of hereditary connections in business. Both his own business and that of the "Fisher" were excellent examples of what he meant. This was an age in which they heard a lot about co-operation in business, also a time when it was more than ever recognised that the interests of all engaged in the business were identical. He concluded by coupling with the toast the names of Mr. W. Bampton and Mr. W. G. Howell.

Mr. Bampton, who returned thanks on behalf of himself and his fellow worker, gave a brief and interesting account of the early days of the firm.

In proposing the toast of "The Guests," Miss G. V. Woodman spoke of the extreme pleasure they all felt at the presence of so many guests. To each of them she extended a very warm welcome. She hoped for their attendance on future occasions, and extended to each of them what she described as a season-ticket invitation. The toast was coupled with the name of Mrs. Beatrice Warde, whom Miss Woodman characterised as one of the greatest typographers of these days.

Mrs. Beatrice Warde, responding in a delightful little speech, said she felt greatly honoured in being called upon to reply to the toast. She regarded those present as representing one of the most famous and wonderful

crafts that the intelligence of civilised man had ever devised. She discerned in the Bible the earliest beginnings of bookbinding. As they knew, Moses broke the tables of the law at Sinai and in order that the ten commandments should not be broken a second time, he made the laws again on stone, encasing them in a box. Those inscriptions on stone she likened to the sheets of a book. Bookbinding made the printed sheets human and lovable, she declared.

Some enjoyable songs were rendered during the evening by Miss V. Bowes, Mr. W. Wood, Mr. H. Basil Sheasby, Mr. R. Davis, Lieut.-Col. Roy F. Truscott and Mr. Cook.

The room was then cleared for dancing, which continued right on till midnight, the music being supplied by the "Harmoniums" dance band. Spot prizes were won by the Misses L. G. Berry, Violet Trodd, and Messrs. J. A. R. Coen, and W. Else.

The Cornwall Press Ltd.

Athletic and Social Club

The annual dinner of the Cornwall Press, Ltd., Athletic and Social Club was held on Saturday, December 28th, at Anderton's Hotel, Fleet Street. The president of the Club, Mr. J. Griffiths (the manager) presided over a gathering numbering about 150 representatives of all the departments of the house. Supporting the chairman were Mr. S. G. Baker (his deputy) and a number of the overseers and office staff.

After the loyal toast, the chairman submitted "The Club," and congratulated all concerned on the success which had attended the various sections—football, cricket, swimming, and billiards—during the year.

The hon. secretary (Mr. E. C. Jeffery) replied.

Mr. A. J. England, in proposing "The Chairman," took the opportunity of congratulating Mr. Griffiths upon his recent elevation to a seat on the directorate of the firm. He could assure their president, he said, of the unswerving loyalty of the staff and everyone connected with the business.

The chairman expressed his appreciation of the manner in which his appointment had been received by the staff, who could be certain that it would always be his endeavour to do everything in his power to cement the good relations which existed between the firm and its employees.

A pleasing feature was the presentation of a handsome timepiece to Mr. F. Bird in recognition of his valuable services as captain of the cricket section for a period of ten years.

Then came the distribution of many handsome prizes and medals for the best performances during the year in the various sections. Interspersed in the post-prandial proceedings were some excellent songs by Miss Marjorie Griffiths (daughter of the president), musical monologues by Mr. A. Godwin, and a ventriloquial sketch by Mr. Arthur Leslie.

After the room had been cleared, dancing was indulged in until nearly midnight to music provided by Gilbert H. Giddings and his Rhythmic Dance Band.

The arrangements for what proved a peculiarly happy and enjoyable gathering reflected credit on the hon. secretary (Mr. E. C. Jeffery), the hon. treasurer (Mr. F. Marchant), and the stewards (Messrs. J. Davies, C. Knatchbull, A. Henley, and C. Palmer), all of whom were efficient in the discharge of the various duties allotted to them.

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Trade Notes

A WINDING-UP petition has been presented against the Queensland Printing Works Company by Charles Morgan and Co., registered office, Cannon House, 182-184, High Holborn, W.C., wholesale stationers, creditors—to be heard at the Royal Courts of Justice, Strand, on January 13th.

NATIONAL PAPER MILLS.—The annual meeting of the National Paper Mills Limited was held at the Cannon Street Hotel on Monday, December 16th. All the resolutions were unanimously carried and the balance sheet adopted. The confirmation of the election of Mr. H. A. Stukins as a director and the election of the chairman, Mr. G. H. Wilkinson, were assented to. After payment of all outgoings, including interest, there remained a balance forward of £10,079 19s. 10d., of which it was agreed to transfer £7,700 to depreciation account.

As a result of the special meeting of members interested in photogravure, held by the Federation of Master Printers in December, a recommendation will be made to the Council at its next meeting on January 14th with the object of forming a special section for photogravure printers, for the consideration of labour, costing and other problems concerning this growing branch of the industry.

At a reunion dinner of ex-editors, advertising managers and staff of the *Electrician*, held in the Knight's Room, Simpson's-in-the-Strand, London, Mr. W. G. A. Bond, resident director of the Shropshire, Worcestershire and Staffordshire Electric Power Co., who was editor from 1895-1897, was in the chair. Reminiscences were exchanged by Messrs. F. C. Raphael, W. E. Warrilow, F. H. Masters, and the chairman, who incidentally recalled that the *Electrician* was the first periodical to be printed by the Monotype method.

The members of the Allied Newspapers and *Daily Sketch* editorial chapels held their annual dinner at Frascati's in London on Saturday, December 21st. The dinner was presided over by Mr. P. E. Carding Bailey, the father of the chapel; and among the guests were Mr. F. L. Keen, of the Federated house chapel; Mr. W. D. Rowe, a director of the Allied Newspapers; and Mr. Walmesley, controller of the *Daily Sketch* advertising department.

The late Mr. Louis William Greaves, Louth, printer, left £3,454 (net personalty £1,175).

"The Trend of Events"

In continuation of the lectures on "The Trend of Events," already reported in previous issues of this journal, the South-West London Master Printers Association announces the third of the series—this to be given by Mr. John Acton on "The Trend of Events in the Machine Room." The meeting will be held on Tuesday, January 7th, 1930, at Messrs. Arding and Hobbs' Restaurant, Clapham Junction, S.W.11, at 6.30 p.m.

The two previous lectures have been much appreciated by large audiences, and it is confidently expected that this occasion will prove equally interesting. Members of the L.M.P.A. in other districts who care to attend will be cordially welcomed (notifying the hon. secretary, Mr. Fred. A. Chivers, 36, Plough Road, Battersea, S.W.11).

Country News

BATH

THE Pitman Press, Bath, the printing establishment of Sir Isaac Pitman and Sons, Ltd., publishers, is being extended and altered, and some 24,000 extra square feet is to be added to the already large plant. The bindery will have an increased space of some 6,000 square feet; the existing paper store will become a bound-book store, and accommodation will be made for a printed-sheet store, the addition to the storage being about 17,000 square feet. Two additional bays will extend the frontage by about 100 feet, making the total frontage 400 feet. New Directors' offices and an imposing front entrance will be built.

CONWAY

THE death has occurred at Conway, at the age of 70, of the Rev. B. Menai Francis, whose career was exceptional in that while ordained a minister he followed his trade as a compositor in a newspaper office. For many years, while working as a printer, he has been well known throughout North Wales as a preacher in both Welsh and English. He had been chairman of the Conway district branch of the Typographical Association.

FILEY

THE executive committee of the sanatorium at Filey for members of the printing and allied trades have recently purchased a freehold villa on the North Cliff at a cost of £2,550.

LEEDS

THE death has taken place at Leeds, in his 80th year, of Mr. Thomas Jennings Bowman, who for 32 years before his retirement in 1919, had been a member of the composing room staff of the *Yorkshire Post*, and for many years served as clerk of the printers' Chapel in that office. He became a member of the Typographical Association in 1872.

LINCOLN

THE *Lincoln Leader*, a weekly paper which has been in existence for 33 years, has just published its last number, and will now be incorporated with the *Lincolnshire Chronicle*, the paper having been acquired by the Starmer group.

NEWBURY

GEORGE WESTBURY SIMPSON, printer of Newbury, was fined £2 and costs by Newbury Borough Bench, for omitting to print his name and address on books of tickets in connection with a draw.

NEWCASTLE-ON-TYNE

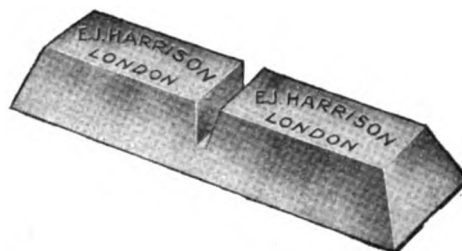
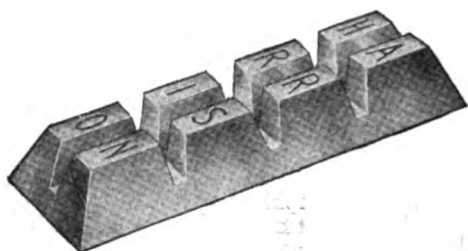
MESSRS. R. ROBINSON AND Co., LTD., the Newcastle-on-Tyne printers and stationers, are transferring their retail department to 32, Collingwood Street, near their present branch.

THE death has occurred in Newcastle of Mr. Edwin Macarthur (38), son of a Presbyterian minister. He had for many years been a Linotypist with the *Newcastle Evening Chronicle*, and had been father of the chapel.

OXFORDSHIRE

IN co-operation with Mr. J. Cheney (chairman) and Mr. Vincent (secretary), of the Oxfordshire Master Printers' Association, Mr. L. J. Cumner (assistant secretary of the Federation) visited members and non-members in that area during the last two days of 1929.

E. J. HARRISON.
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The Past Year in the Printing Trades

A Backward Glance at 1929

The year 1929 has come to an end and has passed to the limbo of its predecessors to make room for its successor, 1930, of which one day has already gone. The past year, so far as the trades we represent are concerned has given us nothing sensational or revolutionary, but may be described as one of steady, if slow, progress. Improvements have been made in machines and methods with a view to simplifying the manipulations required and to increasing the output of finished work. In fact, the many automatic and semi-automatic appliances that are being introduced are making the work of the printer a task that now demands the highest kind of skilled labour, and that is fast relegating the old type of machine minder to the commonest classes of work.

To keep the printer abreast of the improvements in methods and machines has been the task of this journal, and in our columns during the year we have described and illustrated a considerable number of these new appliances and processes, and have endeavoured to keep our readers well abreast of the times in all that appertains to the advancement and progress of the many sections of the allied trades. In one matter, however, we have had nothing to record, that is in connection with photo-typesetting machines, the several inventors of these appliances having kept very quiet as to their doings, although we understand they are still working away in hopes of giving the printer ere long a new and revolutionary method of producing his work.

THE GREAT EXHIBITION

What may be termed the feature of the year in the printing world was the wonderful exhibition of machinery at Olympia, where the two great halls were taxed to their full capacity to provide space for the machines and plant shown, most of which was of a character to interest, and in some cases almost to startle, the average printer by virtue of wonderful capacity and almost human powers of action. In every section of the show improvements were seen. Letterpress, lithographic, photogravure, and bookbinding appliances capable of doing almost any class of work were shown in abundance, and the various makers vied with each other in presenting to the trade machines that came near to being perfection. A feature of the Exhibition was the presence of German and other Continental manufacturers, this being the first time since the War that machines from foreign countries had been shown. One of the interesting features of the Exhibition was the official visits paid by various organisations in the printing industry, and the members of those bodies viewed with great interest the various items of the wonderful show that had been collected at Olympia. The great lesson of the Exhibition was "Output." Almost everything shown tended towards speed and efficiency, and an elimination of the hand worker.

THE BRITISH INDUSTRIES FAIR

The B.I.F. again, provided a vast demonstration of the achievements of British manufacturers. There was a much greater proportion of exhibits from members of the allied trades than was noticeable in previous years. Machinery, it is true, was not much in evidence, but the manufactured stationery and the letter-

press and poster work on view showed that British products were keeping their own in high quality, and if rumours were true they were securing a measure of popularity in the number and size of the orders taken.

A GENERAL ADVANCE

The progress in the mechanical departments of the printing office, both in the letterpress and lithographic sections, still goes on, and improvements in presses and appliances tend to increase of output and improvement in quality of work.

In letterpress machine construction the makers have concentrated on giving improved inking devices, and providing such accuracy of impression as renders the time-wasting process of making-ready an easier task. In the lithographic department, offset printing is still going ahead, and most of the leading machine makers are improving existing types and introducing new machinery to meet the demand that exists for this class of work. Noticeable progress has been made, too, in appliances and methods that will still further perfect the production of the necessary printing plates and surfaces. The same remarks also apply to photolitho, which is keeping its popularity as a method of producing printed work, especially in the illustrative and colour sections. In both methods of lithographic printing there have been considerable advances during the year and the work turned out is showing improvement in technical and artistic quality.

Perhaps the greatest advance is seen in the improvements made in photogravure printing, both in machines and in the appliances for the preparation of the printing plates. This beautiful illustrative process is being made simpler to work, and the speed of output is being increased to such an extent that gravure is likely to prove a formidable competitor to the older methods of illustrative printing.

In the working of all the above-mentioned processes, it is remarkable how greatly the art of photography has become interwoven with the art of printing. Without photography we might still have been doing our illustrative work with the aid of the wood engraver, but the camera has supplied a connecting link between the illustrator and the printer that makes reproduction simple and accurate.

A QUIET YEAR

It cannot be said that there has been an exceptional rush of printing orders during 1929. Some firms have had heavy contracts and long runs to keep their hands busy, but on the other hand many firms have suffered from a general slackness, and have had, so to speak, but a hand-to-mouth existence. Still, unemployment has not been so rife, and the working printer has managed to pull through the year without losing much time.

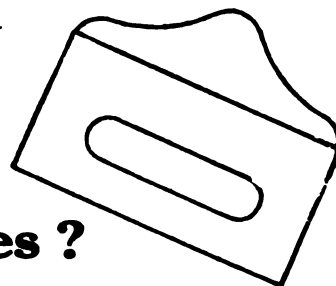
Once more a printer fills the Lord Mayoral chair at the Mansion House, Sir William Waterlow, K.B.E., having attained to that honour—a worthy representative of a printing family of long standing, their connection with the art dating back to about 1790.

THE DEATH ROLL

Unfortunately our columns recorded during the year the death of many notable men in the printing and allied trades. Among them was Mr. Cedric Chivers, of Bath, who was an outstanding figure in British

Do You Know!

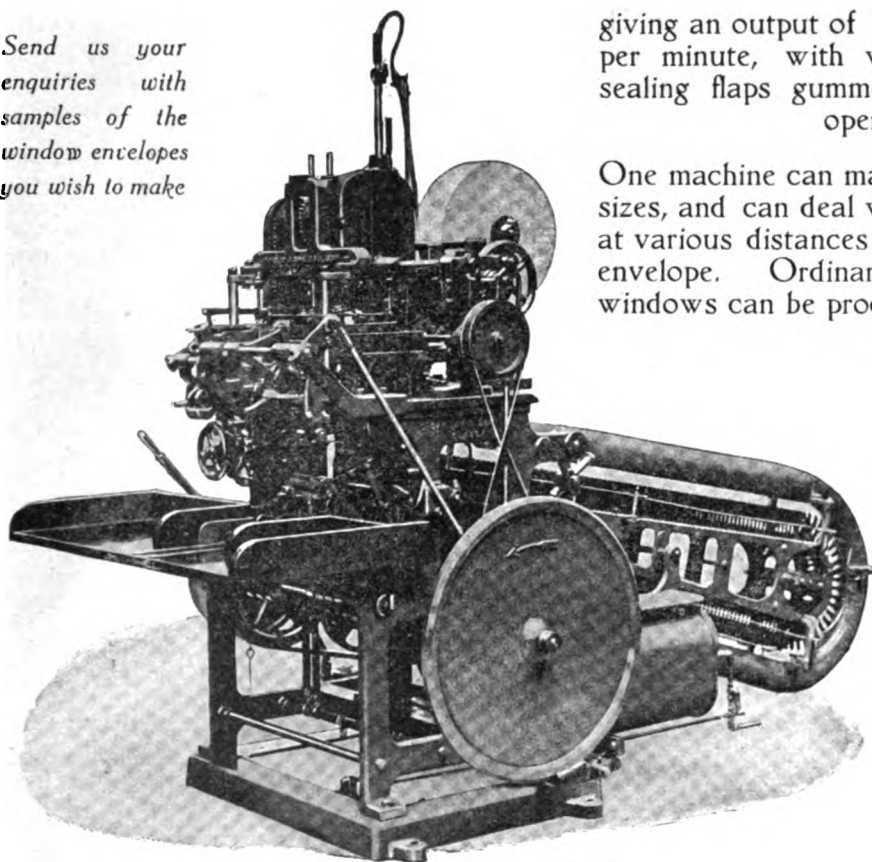
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bookbinding circles, and whose work had a world-wide reputation. Another prominent figure, in the London area, who passed away was Mr. C. J. Drummond, one of the veterans of the trade, who had a remarkable record of service on behalf of the working printer, in connection with the London Society of Compositors. The passing of Mr. Walter Howard Hazell, of the firm, of Hazell, Watson and Viney, Ltd., came at the end of May and left a very noticeable blank in the ranks of those master printers who devote their energies to the betterment of the craft. Sir Ernest De La Rue also passed away, and Mr. George Coates, the managing director of Coates Brothers and Co., Ltd., also Mr. G. K. Naylor, formerly chairman of the London Electrotypers and Stereotypers' Society and a brother of Mr. T. E. Naylor, M.P., secretary of the L.S.C. Another prominent figure in the trade was Mr. George

E. Holloway, who passed away in October, in his 70th year. Mr. Holloway was managing director of Messrs. B. Dellagana and Co., Ltd., the well-known electrotyping firm. Amongst others who died during the year were Mr. S. J. White, secretary of the Caxton Convalescent Home, Limsfield; Mr. E. A. Lowe, of Slater and Palmer, Ltd.; Mr. W. R. Nicholson, of W. R. Nicholson, Ltd.; Mr. G. W. Hamilton, of the Lamson Paragon Supply Co., Ltd.; and Mr. Arthur C. Cheshire, of Widdowson and Co.

THE COMING YEAR

Will the year offer brighter prospects to the allied trades than the one that has just finished? The general outlook seems encouraging, and it behoves us all to strive to the best of our ability to make the next twelve months bring greater prosperity to the trades we represent.

Research Work Free to All Printers

U.S. Public Printer's Remarkable Laboratory Results

The Hon. George H. Carter, United States Public Printer, well known to many British printers, has been describing some of the work of his great Research Laboratory, and announces that this year he will have the best equipped and most modern laboratory in the world devoted to printing research work, and he invites printers of every land to take advantage of its findings. He says he regards the entire Government Printing Office as an immense laboratory which can and should be of service to the printing industry as well as to the Government.

Speaking before the Convention of the United Typothetae of America recently, he said that this work has increased rapidly until to-day the laboratory has a score of employees, including a number of highly skilled chemists, and its cost to the Government for the past year was close to £8,000.

SAVING IN TYPE METALS

One of the most important investigations undertaken by the laboratory staff was the standardisation and control of quality of 6,600,000 pounds of Linotype, Monotype, stereotype and electrotype alloys. The savings by this work were many times greater than the entire expenditures of the laboratory for the past seven years. The technical division is entitled to a net credit of £80,000 as a result of its metal investigations based on the estimated commercial charges less the actual expense.

The old metal contained an excessive amount of tin due to previous "rule-of-thumb" corrections, and by standardisation 1,099,000 pounds of type-metal alloys of standard qualities were added to the stock at practically the cost of the lead, thereby effecting a further saving of £7,000. The still greater benefit of type-metal alloys has been the reduced expense of operating type-casting machines, the elimination of difficulty in the moulding processes, and the better quality of press-work. The results of the Government office experience are available, and should aid any plant to solve its metal troubles.

STANDARDISATION OF PAPER

At first the technical laboratory devoted its time largely to the testing of paper for the Government Printing Office to determine compliance with standard specifications. This work of itself is no small task,

involving the testing of approximately 5,000 samples annually to determine the quality of the yearly purchase of 45,000,000 pounds of all grades of paper. The experience has been of great value to the printing industry in the development of definite grades and standards of paper for general as well as Government use.

DEFEATING DISHONEST DEALERS

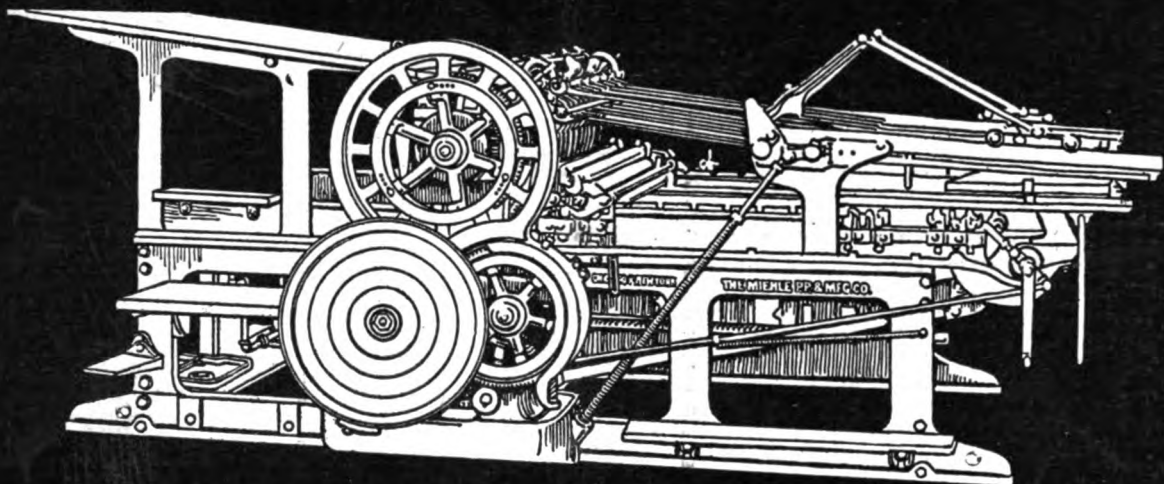
The importance of the proper inspection and tests is shown by the following experiences, among many, the Government Printing Office has had in rejecting materials that fail to meet the specified standards of the Government: Delivery of 60 per cent. rag writing paper, on specifications requiring 100 per cent. rag stock; 30 per cent. rag bristol board, on specifications requiring at least 50 per cent. rag stock; printing papers with an excessive weight of clay; alleged Babbitt metal, with 80 per cent. of lead instead of 90 per cent. of tin; wrought iron, for medium machine steel; 90 per cent. mineral oil, substituted for pure neat's-foot oil; acid leathers, for acid-free leathers; cotton twine balls, containing 25 per cent. less yardage than specified. These instances of deception and substitution are, of course, not typical of the many highly honourable contractors who serve the Government Printing Office faithfully and well.

ANALYSING ALLEGED "CURE-ALLS"

The testing laboratory has been of another good service in disclosing, at least for the establishment's own information, the ordinary ingredients used in some self-exalted compounds extensively advertised to end all the troubles of the printer, who is ever in search of such elixirs. For instance, the sample of an ink solvent with a well-known name was found to consist almost entirely of petrol, deceptively coloured with a little pine-tar oil. Several washing compounds selling for 6d. to 7½d. a pound were found to be composed almost entirely of tri-sodium phosphate, which can be bought in quantities for 2d. to 2½d. a pound.

MR. JOHN GREIG, of Dartford, for many years manager of the *Daily Telegraph* Paper Mills at Dartford, left £20,188 (net personalty £12,018).

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Wallpaper Printing

By Mr. C. O. MASTERS

Of Messrs. Arthur Sanderson and Sons, Ltd.

(Continued from page 625)

The methods by which the printer ensures accuracy in the position of the prints from several blocks in their relation to each other is explained by the projecting pins which are seen on the edge of the block nearest to the printer when laying the block. Pins marking the repeat of the design ensure that the pattern will follow on exactly by each successive print from the same block. Other pins print the mark on which the registering pins of succeeding blocks are to be laid to add or partly cover previous prints, to build up a pattern.

PRINTING BY MACHINERY

Machines by which wallpapers are printed to-day are of two different types. The one which has in some respects points of resemblance to the methods of printing by blocks may be described first.

Instead of blocks, wooden rollers are used on which the pattern projects; the circumference of the roller being made the exact measurement of the repeat of the pattern, or an exact multiple of it, on the length of the paper. The printing surface of the roller is not, as it is in the case of a block, the wooden face, but a felt surface outlined with fine metal which has been punched into the wooden core.

It will be realised that to prepare a set of blocks for an elaborate pattern involves considerable skill on the part of the man who transfers to each block that section of the design which represents the colour to be printed. This operation is called "putting on." For a set of rollers "putting on" becomes a still more exacting task as each print by roller has to be on the ground of the paper, not over a previous print, so each difference of tint and colour has to be outlined on the design and put on to a separate roller. Although, theoretically, a great number of rollers can be in use at one operation and actually there are machines which print with twenty-four rollers, it is rarely that more than sixteen are required to interpret even a very elaborate design, and in fact twelve rollers can produce the variety of colour and shade required for a very natural rendering of a floral design. The numbers of colours to be used and their disposition is in the province of the designer and his skill in this direction is measured by the effect which he obtains from the number of rollers which he uses.

The colours which are used both for blocks and this type of machine are the same, in that water is used to reduce them to the required condition. In this matter of colour vehicle, there is the distinction which marks the character of the two types of machines, the second type using colours which are ground in oil or spirit and reduced with a spirit medium. In the operation of printing, both machines are alike in essential character. The paper is drawn from large reels round a large cylinder and carried on an endless blanket to a system of rollers which let the paper fall in long loops which are picked up at regular intervals and carried by stretchers on a moving chain railway through the drying room and at the end of its journey reeled again. The rollers are geared to the cylinder and receive their colour from a felt sleeve revolving on spindles, one of which is in the colour trough. The essential difference

in the two machines lies in their respective printing rollers as will be seen by comparing the engraved copper roller with the surface roller.

The similarity between the copper roller and a plate engraved for mezzo-tint printing explains the nature of the impression made by engraved rollers, the depth of colour printed representing the depth of engraving. With three rollers printing primary pigments and a fourth black, an almost innumerable variety of colour combinations and shades can be made as is the case in the analogous system of colour printing by process blocks. In both cases transparent colours are used, the depth of the engraving providing shades, secondary colours and tones being made by superimposed impressions by succeeding rollers. Machines using engraved rollers are termed "Sanitary" as also are the papers which they print, a name given because the colours cannot be spoiled or removed by moisture, also because at the time when such papers were exceedingly popular, about thirty years ago, it was considered an advantage to be able to clean walls by sponging. Sanitary papers are still in considerable demand especially for bathrooms, passages and kitchens, and sometimes staircases where they are varnished after being hung. The preliminary and necessary coating of size can be easily applied and without the likelihood of colours running as would probably occur if "surface" printing was treated in the same way, unless, as is sometimes the case, sized by machine.

We have spoken so far of papers printed by one only of the methods described. Elaborately coloured floral patterns printed by machine occasionally have an additional print by block, which gives a sharp high light, but such operations are rare, the accurate registration of the print by block over machine work being very difficult to accomplish for several reasons. Far more successful is the combination of surface and sanitary printing, the latter frequently being used to give a graded print in imitation of textile warp and weft, grain of wood, hide or other substance over patterns or effects printed by surface rollers. A number of these combined printings are exhibited for your inspection.

THE STENCILLING PROCESS

Although the process of stencilling is entirely different from that of printing, no account of modern wallpaper production is complete without including it. Wallpaper fillings entirely stencilled are rarely made, but with the outlines of designs printed by block they become practical though expensive. Stencilled borders, friezes, panels and applique motifs are, however, produced probably in greater quantities to-day than they ever have been. Outlines are invariably done by block printing, and often quite a number of stencil plates are used in succession.

Stencilling being in its essential character a method of mechanical repetition, has little or no value merely on that account, so far as wallpaper production is concerned. Its advantage over other processes is rather that by skilful hands colours can be graded and blended within defined spaces more effectively in a given time than by other means. There is, too, the consideration of quantity—to set elaborate machinery

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**FEBRUARY
17TH-28TH
1930**

C.F.H.

in motion, profitable production must be very considerable, whereas if a limited production only can be profitably distributed, hand-work comes to its own. The successful use of stencilling depends primarily on the complete suitability of the design to the method and, secondly, on the advantage taken of every accidental irregularity which can give distinction to hand-work and relieve it of monotony.

The early manufacture of flock papers owed much to the use of stencil plates by which the pattern was left on the paper in an adhesive medium to which the flock was applied. Handwork was united with stencil and probably handwork only was the method adopted for the flock papers "of the manner of real tapestry" advertised by the Blew Paper Society previously mentioned, the flock also being applied by hand. We do not know when flock papers were first produced by the use of blocks.

Embossed papers are used so extensively that we must give them mention. The process is the exceedingly simple one of the use of two rollers, one with the pattern raised and the other having it sunk, between these the paper is pressed. The leather hangings which are known to have been produced in Spain in the 12th Century and later produced in Italy and Holland were imitated by wallpaper makers by the use of blocks as indicated by the advertisement of embossed work in 1702. The textures of fabrics of all descriptions as well as of other materials, have been added to wall-papers by embossing. At the present time it is also used not merely in an imitative fashion but to produce a surface to which light gives a shadow and a serene atmosphere.

METHODS OF DESIGN

We now approach the subject of wallpaper design which is so intimately connected with the work of William Morris and his contemporaries. We have seen in the history of wallpaper, that it owed in some measure its existence and popularity to the fact that it was at first a passable imitation of a more expensive material: particularly this is the case with flock papers. The black and white papers of Elizabethan times, however, seem to possess a character of their own, in that they were not ashamed of their obvious process nor wished to represent anything else. We have to admit that among these there were also imitative examples, especially of needlework referred to as "Irish Stitch." I do not want to deprecate the value of imitative work, for I am aware of the pleasure given by an exhibition of skill in almost any direction. Even cheap imitation often has its use in directing attention to new materials and methods, which in due course are developed by greater skill and used in a direction quite different from the mere copying of previous production.

Morris gives us the principles underlying his practice in his designs for wallpapers when speaking of the "Useful art of printing patterns on papers for wall hangings." He says: "I think the real way to deal successfully with designing for paper-hangings, is to accept their mechanical nature frankly, to avoid falling into the trap of trying to make your paper look as if it were painted by hand. Here is the place, if anywhere, for dots and lines and hatchings: mechanical enrichment is of the first necessity in it. After that, you may be as intricate and elaborate in your pattern as you please; nay, the more and the more mysteriously you interweave your sprays and stems, the better for your purpose, as the whole thing has to be pasted flat on a wall and the cost of all this intricacy will but come out of your own brain and hand. For the rest, the fact that in the art we are so little helped by beautiful and varying material, imposes on us the necessity for being

especially thoughtful in our designs; every one of them must have a distinct idea in it; some beautiful piece of nature must have pressed itself on our notice so forcibly for we are quite full of it, and *can*, by submitting ourselves to the rules of art, express our pleasure to others, and give them some of the keen delight that we ourselves have felt. If we cannot do this in some measure, our paper design will not be worth much; it will be but a makeshift expedient for covering a wall with something or other; and if we really care about art, we shall not put up with 'something or other,' but shall choose honest white-wash instead, on which sun or shadow may play pleasantly, if only our room be well planned and well shaped, and look kindly on us."

Following the work of William Morris, Lewis F. Day, Walter Crane, Voysey, Lindsay Butterfield and others of equal ability though less well known, the formation of the Arts and Crafts Society in the later years of the last century gave opportunity for a number of eminent artists and craftsmen to become acquainted with the public, and through the support of equally enterprising manufacturers a high standard of excellence in wallpaper designs and production was reached. We should remark that William Morris gave up printing wallpapers, entrusting the production of his designs to Mr. Metford Warner of Jeffrey and Co., who is to-day still with us and has seen his efforts in producing wall decorations appreciated in every country where wallpaper is used. The revival after Morris was a period of greater artistic activity, not only in our country but also on the continent. Later a style evolved which became known as the Glasgow school, which also spreading to the continent was probably the inspiration of Art Nouveau, but in due course its products became nauseating and forgotten.

MODERN TENDENCIES

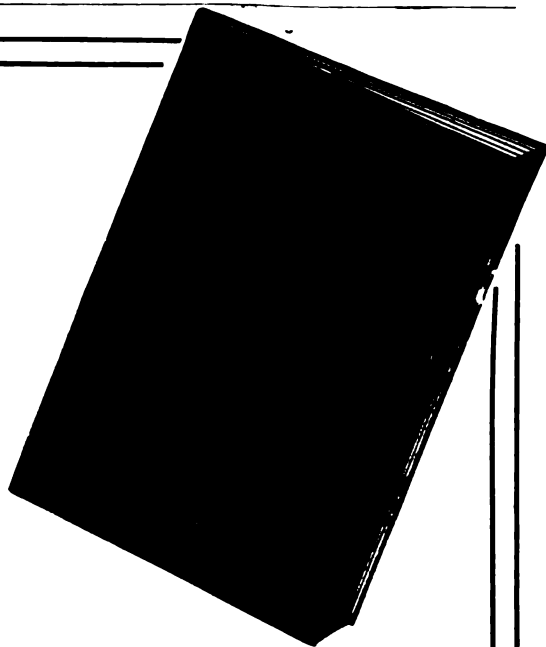
A reaction against pattern or ornament then set in. Mr. Metford Warner's remark in this connection is worth repeating: "One of the results of this Paris Exhibition in 1900 has been a demand for less pattern and more plain surface. A little squirm goes a long way, and to some no squirm at all is more satisfactory still, and hence came the demand for little or no pattern. What could be better than a mere spot and a little scratch? So what need for the skilled designer and the enterprising manufacturer?"

To-day the pendulum is swinging again toward decoration, but it must be restrained and unconscious; and in the meantime the enterprising manufacturer in the absence of the desire for ornament, produces background papers of excellence never before equalled, possessing in my opinion, in colour and texture, all that good taste requires.

MILLS AND ROCKLEYS, LTD.—At the first annual general meeting of Mills and Rockleys, Ltd., held at the Hotel Cecil, Mr. Sydney Walton (the chairman) presided, and said that the profit and loss account for the fifteen months showed a net profit of £48,722. The net profit enabled payment of dividends to be made for the fifteen months on the Preferred Ordinary and Deferred Ordinary shares at the rate of 10 per cent. per annum less tax. The side of the business which was engaged in poster contracting throughout the United Kingdom had expanded satisfactorily during the year. They were proud that, in succession to Sir James Owen, their managing director (Mr. George Mills) had been elected to the presidency of the British Poster Advertising Association.

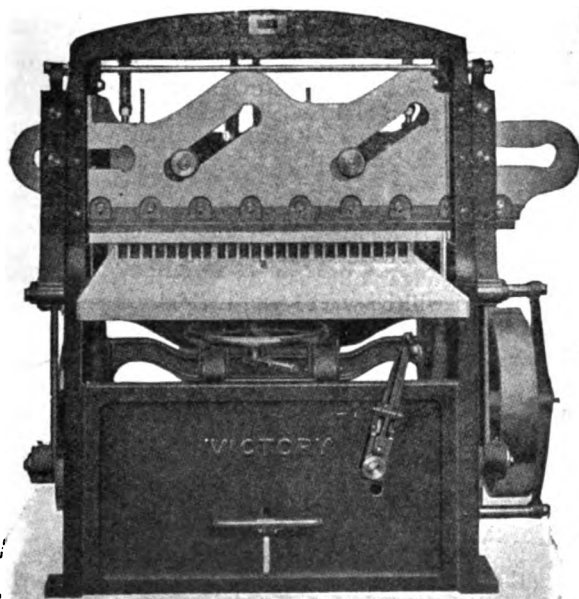
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Trade Union Matters

T.A. HALF-YEARLY REPORT.—The report issued by the Typographical Association for the half-year from December 31st, 1928, to June 29th, 1929, is now in circulation. In future, it is stated, the association accounts will close at the end of March and September, instead of June and December. On the financial side there has been an increase of £1,258 in the income of branches from contributions, and remittances from the executive council to branches show a decrease of £8,773. The superannuation fund levy of 6d. per member realised £713, and the general fund levy £2,442. There was a decrease of £8,265 in out-of-work payments on association account. On the numerical side the association shows an increase of 289. Members in full employment comprise 25,261, and those casually employed number 1,917, the former number being an increase of 558. Apprentice members show a decrease of 12. The membership of the association, including apprentices, honorary, associate, and superannuated, numbers 32,846. The report incidentally states: "The increasing number of workmen's compensation cases reported to the executive council indicates that the danger of accidents in the printing trade is growing."

SENTENCE of nine months' imprisonment was imposed in Dunfermline Sheriff Court on William Darling, who pleaded guilty to two charges of embezzling trade union and friendly society funds, amounting in all to £255 12s. 3d. The funds involved were those of the Kilbogie branch of the National Union of Printing, Bookbinding, Machine-ruling and Paper Workers—£201 3s. 11½d.; and Loyal Osborne and Elphinstone Lodge of Oddfellows—£54 8s. 4½d.

OVERTIME QUESTION.—The secretary of the Bolton branch of the Typographical Association has reported to the executive council that a member of that branch had been working during nights, including Saturday and Sunday evenings, and the question had arisen on the rate of overtime to be paid for the time from 9 p.m. on Sunday until 7.30 a.m. Monday morning. The firm contended that double time should be paid until midnight and that then the man should revert to pro rata overtime. The branch secretary claimed that double time should continue right through until 7.30 a.m. on the Monday morning, and the executive council have endorsed that opinion.

GIRL AND PROOF-READING.—The Halifax branch of the Typographical Association recently inquired from the headquarters of the Typographical Association as to whether a girl would be allowed to do proof-reading in an office in that branch. They have been notified by the executive council that such a practice could not be countenanced, and that the firm should be approached with a view to the work being secured for an Association member.

APPRENTICESHIP QUESTION.—The executive council of the Typographical Association have had under consideration the final report of their sub-committee dealing with the apprenticeship question. Several alterations were made, and the report was then passed as the Association case for submission to the employers. The council directed that the Federation of Master Printers should be informed that the Apprenticeship Committee had completed their work, and were now prepared to exchange their findings for those of the masters' sub-committee which had been dealing with the same subject.

Government Contracts

Contracts were placed with the following firms during November:—

H.M. STATIONERY OFFICE

PRINTING, RULING, BINDING, ETC.—Group 9—N. Ireland—Bookwork printing: R. H. Ritchie, Enniskillen. Group 324—Bookwork printing: Eyre and Spottiswoode, Ltd., London, E.C. Group 325—Bookwork printing: W. F. Parrott, Ltd., Teddington, Middlesex.

TAGS, INDIA.—Faire Bros. and Co., Ltd., Leicester.

PAPER OF VARIOUS DESCRIPTIONS.—E. Collins and Sons, Ltd., Glasgow; Alex. Cowan and Sons, Ltd., Penicuik, Midlothian; R. Craig and Sons, Ltd., Airdrie, Lanarkshire; Darwen Paper Co., Ltd., Darwen; Golden Valley Paper Mills, Bitton, near Bristol; Guard Bridge Paper Co., Ltd., Guard Bridge, Fifeshire; Samuel Jones and Co., Ltd., London, S.E.; Wm. Joynson and Son, St. Mary Cray, Kent; London Paper Mill Co., Ltd., Dartford; Olive and Partington, Ltd., Glossop; Olives Paper Mill Co., Ltd., Bury; Smith, Stone and Knight, Ltd., Birmingham.

CROWN AGENTS

PAPER.—North of Ireland Paper Mill Co., Ltd., Ballyclare, co. Antrim; Reed and Smith, London, E.C.; Thomas and Green, Ltd., Wooburn Green, Bucks.

STATIONERY.—Waterlow and Sons, Ltd., London, E.C.

Obituary

MR. ROWLAND W. POLLARD

We much regret to announce the sudden death, on December 25th, of Mr. Rowland W. Pollard, of Messrs. George Mann and Co., Ltd. Mr. Pollard was at business on December 24th, and apparently in good health, and his sudden death has come as a great shock to his many friends.

After the War, Mr. Pollard became the works manager to Messrs. George Mann and Co., and remained in this position until about 18 months ago, when he became sales manager attached to the London Office. Mr. Pollard will be widely and sincerely missed because of his genial, happy, and friendly disposition.

THE death has occurred at his residence at Gateshead, of Mr. Harold Hill, partner in Wilde, Fleck, and Hill, printers, of Corporation Street, Newcastle, and associated with Leonard Hill, Ltd., of Strand, London. He was a brother of Mr. W. Leonard Hill, a director of that firm; and was only 48 years of age.

THE death occurred in London on December 19th, 1929, after a brief illness, of Mr. Andrew Ferguson Bainbridge, late of Edinburgh, and of Butler and Tanner, Ltd., printers, London and Frome.

WE much regret to record the recent death, in his nineteenth year, of Douglas Edward Walton Marston, eldest son of the editor of the *Publishers' Circular*.

AFTER the lamented death of Mr. C. S. Yeates, which occurred recently as the result of a motor-car accident, the business of Messrs. C. S. Yeates, Ltd., electrotypers, stereotypers and engravers, of Hatton Wall, is being carried on by Mr. A. Perrott, with the assistance of Miss Hilda Yeates.

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COMPANY MEETING.

Lanston Monotype Corporation, Ltd.

DIVIDEND AND BONUS MAINTAINED

The twenty-second ordinary annual general meeting of the Lanston Monotype Corporation, Limited, was held on December 19th at the Cannon Street Hotel, London, E.C.

Lord Askwith, K.C.B., K.C. (chairman of the company), presided.

The secretary (Mr. H. R. Reid) having read the notice convening the meeting.

The chairman said that he was pleased to say that the results of the past year had rather exceeded what he had forecast in his speech last year. He had then pointed out that a depression in trade still continued, and that it might be doubtful whether the sales in this country and also the sales upon the Continent would keep up to the numbers that they had done previously. However, they had been able to propose the same dividend and the same bonus, and to put £50,000 more to reserve, and he was also able to state that they had made a profit a little bit larger than last year. That, considering the continued depression, was a satisfactory result. The gross profit on trading was £159,380, as against £155,023 in the previous year. After allowing for directors' fees, debenture interest, depreciation, etc., there was a balance of profit of £89,596, as compared with £87,102 in the previous year. The directors proposed a final dividend of 4½ per cent., making with the interim dividend already paid 8 per cent. for the year, and in addition a cash bonus of 4 per cent. The amount which remained to be carried forward was £47,632.

DIFFICULT TRADING CONDITIONS

They were still going through a period of difficulty in the trading world, and the printing trade no doubt had suffered, like all other industries, and he regretted to say that the number of unemployed in that industry had been increasing, but, of course, every one hoped that this country was getting through its troubles, and that the printing, like all other industries, would have a better time. There had been a slight diminution in the sale of machines in Continental Europe, and that was a matter to which the board was giving its close attention in an endeavour to increase business, but that, perhaps, was more difficult than it was in this country. The extensions to the buildings at Horley had been most beneficial, inasmuch as they enabled the company to produce and place before their customers new and artistic faces in increasing quantities. Then they had the new machine for the casting of types from five to 72 point. That machine was having a ready sale, and the first batch had all been disposed of and were now working under commercial conditions. They anticipated a continual favourable demand for that machine, which evidently supplied a want.

THE COMPANY'S PENSION SCHEME

The pension scheme was working satisfactorily, and they hoped it would more and more appeal to their employees. They hoped that all new employees would join this scheme and also the few of their present employees who were not members.

He had very great pleasure in recording, on behalf of himself, the rest of the board, and the management, their appreciation of the good work which had been done by their staff at Horley at their works, and in London in the office. He would also like to thank the staff at their smaller branches in Berlin, Paris, South Africa, Australia, New Zealand, India and the Far East, China and Japan. They had all worked in the interests of the corporation and had been very loyal during the past year. Mr. Burch, their managing director, had had very satisfactory relations with the American company and their leaders. Some of them had been over here, and he was glad to be able to report the cordial relations that existed between them.

In conclusion, the chairman moved the adoption of the report and accounts and the payment of the dividend and bonus as recommended.

MANAGING DIRECTOR'S VIEWS

Mr. W. I. Burch (managing director), in seconding the resolution, said that, although the general conditions of the industry during the year had not been free from depression, it was gratifying to be able to state that there had been an increase in sales of their machines in Great Britain and the Overseas Dominions over the previous year, but there had been a slight diminution in the sale of machines in Continental Europe. That they believed to be due to the conditions prevailing there and also to some extent to the scarcity of money

in Germany. Although in France the franc had been stabilised, the stabilisation was at such a low value that it made it difficult to sell machinery there in sterling. The position of the Continental market, which they believed should be a lucrative one for them, was receiving their careful attention and study, with the hope of finding solutions to the present conditions.

During the year they had continued to pursue the same policy as they had in previous years in studying the development of the machine and its devices, and they had during the year been enabled to produce certain additions to the machine upon which they had secured further patents, so that they had extended the period of protection for a further period.

With regard to the super type machine, as it was called, that was selling very well indeed and the first batch had been disposed of. They were just commencing deliveries from the second batch. They had supplied eight of the machines to the principal newspapers on the Continent. There were two in Stockholm, one in Barcelona, one in Nice, one in Cologne, one in Paris, and one in Madrid. They believed that there was a very big market for these machines and that they would be able to do very big business with them.

ADDITIONAL TYPE FACES

The additions to the buildings had enabled them to provide during the year additional type faces which they believed were equal to, if not better than, the most artistic faces in the country. In that connection they had produced one type face which was from the design by Mr. Bruce Rogers, the well-known American artist, who had a reputation on this side of the Atlantic as well as in America. He had been in this country since August, 1928, and consequently they had had the benefit of his personal supervision of this work. He believed that the results that had been secured met with Mr. Bruce Rogers' entire satisfaction.

Although they had not had the new buildings in operation for the whole year, they had increased the output in type drawings by 21 per cent., type patterns by 30 per cent., and punches by 21 per cent. In connection with the preparation of the design of type faces, they had in an advisory capacity the help and assistance of Mr. Stanley Morison, whose knowledge and advice had enabled them to provide many faces which were considered by the industry to be some of the best in the present century.

He would like to endorse what the chairman had said regarding the hard work, loyalty, and co-operation which had been shown by all the members of their various staffs. He did not like to mention anyone in particular, but he did want to refer to their works manager, Mr. F. H. Pierpont, who this year completed 30 years' service with the company. During that time they had changed from what he might term factors to manufacturers. Originally they had purchased all their machines from America, only manufacturing some of the smaller parts. They now had their own factory, at which they produced all the machines they required; and, in fact, they had just received an order to supply one of their super machines to America. That was rather an exceptional thing, but they believed it would not be the last machine which they would supply to America.

INCREASING USE OF THE MACHINE IN NEWSPAPER OFFICES

It was gratifying to be able to tell the shareholders that their machines and products were giving excellent service to the industry, and, whilst they were being purchased by an ever-increasing number of book and general printers, they were now making greater progress in newspaper offices. They had supplied a certain number of their machines to the London daily newspapers. It was certainly a small number, but they had started, and that augured well for the business, and they expected that an increasingly large number of machines would be employed in that field. The book field had always been there, and practically 80 per cent. of the books published were being produced on the monotype machine.

There was just one point to which he would like to refer, and that was in connection with their advertising and publicity. That department had been under the charge of Mrs. Beatrice Warde for the last two years, and during that time their advertising and publicity had been improved enormously.

The resolution was carried unanimously.

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Commercial Review

Current Share Prices

Allied Newspapers ord. 24s. 4½d., 25s. 7½d., 8 p.c. cum. pref. 21s. 1½d.; Allied Northern Newspapers 6½ p.c. deb. 94; Amalgamated Press ord. 20s. 1½d., 7 p.c. cum. pref. 19s. 6d.; Anglo Foreign Newspapers 11½d., def. 4½d.; Argus Press Holdings 24s. 3d.; Associated Newspapers def. 30s. 7½d., 30s. 6d.; Daily Mirror Newspaper 23s. 6d., 23s.; Thomas De La Rue 10s. 4½d.; Hutchinson and Co. 7 p.c. partg. 1st pref. 13s. 6d.; Ilford 6 p.c. cum. pref. 19s. 7½d., 20s.; Illustrated Newspapers 10s., 7 p.c. cum. pref. 13s. 6d.; Kelly's Directories 7½ p.c. cum. pref. 21s. 3d.; George Newnes 5 p.c. cum. pref., 15s. 6d.; Northcliffe Newspapers 5½ p.c. deb. 92, 92½; Odhams Press (4s. shares) 6s. 9d., 6s. 6d., 6½ p.c. deb. 98½; Sunday Pictorial Newspapers 60s. 7½d.; United Newspapers 7½ p.c. cum. pref. 12s. 6d.; Waterlow and Sons 38s. 9d.; Weldons pref. ord. (10 p.c. cum.) 13s. 9d.

Dividends and Reports

ILLUSTRATED LONDON NEWS AND SKETCH.—Profit balance for year to November 30th, 1929, after providing for debenture interest and directors' fees, £60,590, against £66,906 for 11 months to November 30th, 1928. Dividend 37½ per cent. on the ordinary shares for the year (45½ per cent. per annum); £12,129 forward (£14,820)

UNITED NEWSPAPERS, LTD.—Half yearly dividend on 7½ per cent. preference shares paid as usual on December 31st.

DAILY CHRONICLE INVESTMENT CORPORATION, LTD.—Half-yearly dividend on first preference shares paid as usual on January 1st.

PROVINCIAL NEWSPAPERS, LTD.—Half yearly dividends on first and second preference shares paid as usual on January 1st.

New Companies

SONCINO PRESS, LTD.—Capital £1,000, in £1 shares; printers, publishers, etc. Private company. Directors: H. V. Strong, J. Davidson (both of J. Saville and Co., Ltd.), and O. Simon (Fleuron, Ltd.). Registered office: 5, Gower-street, W.C.1.

TRADE COMPOSITION SERVICE, LTD.—Capital £1,000, in £1 shares; to acquire the business of linotype compositors carried on by H. Kilborn and G. J. Parker at 44, York-street, Leicester, as the "Trade Composition Service." Private company. Directors: H. Kilborn and G. J. Parker. Solicitors: Whetstone and Frost, Leicester.

LINES BROS. (LESTER), LTD.—Capital £3,000, in £1 shares; to acquire the business of cardboard box manufacturers and printers now carried on by E. K. Lines and C. Savage at Deacon-street, Leicester, as "Lines Bros." Private company. Directors: E. K. Lines and C. Savage. Solicitor: C. G. Barradale, 27, Friar-lane, Leicester.

R. D. CROW, LTD.—Capital £2,500, in £1 shares; wholesale and retail newsagents, stationers, booksellers, printers, dealers in tobacco, etc. Private company. Directors: J. Hughes and R. D. Crow. Solicitors: Helder, Roberts and Co., 12, New court, Lincoln's Inn, W.C.2.

MUSICAL WORLD PUBLISHING CO., LTD.—Capital £3,000, in £1 shares; to adopt an agreement between H. H. Thomas and H. R. E. Dazley, and to carry on the business of musical journalists and publishers, dealers in and suppliers of musical instruments, etc. Private company. Directors: H. H. Thomas, H. R. E. Dazley, and W. J.

Carter. Registered office: 26, Charing Cross road W.C.2.

SOUTHERN PAPER CO., LTD.—Capital £1,000, in £1 shares; to acquire the business of a wholesale paper merchant and agent carried on by W. Davis, of 69, Newington-causeway, S.E. Private company. Directors: W. Davis and A. Holmes. Registered office: 69, Newington-causeway, S.E.1.

Mortgages and Charges.

HERBERT DAVIS (GRIMSBY), LTD. (printers, etc.).—Satisfaction to the extent of £500 on December 14th, 1929, of debentures authorised September 15th, and registered October 11th, 1915.

W. A. WINDLE AND CO., LTD. (printers, etc.).—Mortgage dated November 20th, 1929, to secure £500, charged on properties in Grimsby. Holder: Mrs. M. Dawson, 6, Gertrude street, Grimsby.

A. I. ENGRAVING CO., LTD (artists, designers and photo-engravers etc., London).—Satisfaction to the extent of £250 on December 13th, 1929, of debenture dated September 16th, and registered September 20th, 1915

F. J. PARSONS (KENT NEWSPAPERS), LTD.—Issue on December 8th, 1929, of £2,500 debentures, part of a series already registered.

NUNEATON OBSERVER, LTD.—Satisfaction in full on November 28th, 1929, of debentures authorised July 5th, and registered July 25th, 1923, securing £5,000.

Receivers Appointed or Released

SIMPLEX AUTOMATIC FEEDER CO. (ENGLAND), LTD. (printers' engineers, etc., London)—H. O. Barnsley, incorporated accountant, of 44, Bedford-row, W.C.1, was appointed receiver and manager on December 10th, 1929, under powers contained in debenture dated May 15th, 1928.

G. H. WOOD AND SON, LTD (printers, showcard makers, etc., Sutton).—E. C. Gardner, of 69, High Holborn, W.C.1, was appointed receiver and manager on December 9th, under powers contained in debenture dated February 6th, 1929.

Company Liquidations

COLOUR SNAPSHOTS (1928), LTD.—Under the compulsory liquidation of this company, of 35, Davies-street, W., the statutory first meetings of the creditors and shareholders were held on December 19th at Bankruptcy Buildings, Carey-street, W.C., before Mr. J. Barwick Thompson, official receiver. There was a crowded attendance at both meetings. The chairman reported that the winding-up order was made on December 9th, upon the company's own petition. On December 2nd the official receiver was appointed provisional liquidator in order to protect the assets, and a few days later the court appointed Sir William McIntock, chartered accountant, as special manager. The company was registered as a public company on September 27th, 1928, with a nominal capital of £350,000, divided into 1,750,000 shares of 4s. each, to acquire for the United Kingdom and British Empire the rights for all purposes (other than cinematography) in certain inventions relating to colour photography and to carry on business and manage portrait and general photographic studios. The first directors were the Rt. Hon. James Ian Macpherson, M.P., Sir John Philips Rhodes, Bt. (resigned), Mr. C. P. Johnston, Lt.-Col. A. F. H. Simpson and Mr. A. J. Clark,

who resigned on November 15th, 1929. Major Adrian B. Klein was appointed a director on November 16th, 1928. An approximate trading account had been prepared up to November 4th, 1929. The liabilities were roughly estimated at £22,400 and the assets at £24,599, exclusive of the patent rights valued at £86,760; £18,039 the cost of alterations and repairs; an advance of £4,990 to the Photograde Printing Co., Ltd.; an advance of £137 to the Colour Snapshots (Foreign), Ltd.; and £1,823 advanced to Mr. Clark. It was possible that the Colour Snapshots (Foreign), Ltd., might prove to be a creditor instead of a debtor to the company, because a claim to £33,000 might be preferred by them in connection with the transactions between the two companies. If there were no reconstruction it would be found that having regard to the foreign company's claim of £33,000, there would be only a small dividend available for the unsecured creditors and it followed that no return whatever could possibly be made to the shareholders who had provided nearly £150,000. The failure of the company was attributed by various directors and by Mr. Clark to a number of, and in some cases, conflicting reasons. A resolution was passed for Sir William McIntock, chartered accountant, Queen-street, to act as liquidator. Mr. H. Burford Judge attended on behalf of the company and other parties interested.

PHOTOGRADE PRINTING CO., LTD.—Meeting of the creditors and shareholders were also held under the liquidation of this company, also housed at 35, Davies street. Mr. E. T. A. Phillips, official receiver, presiding. The winding-up order was made on the petition of Hunter-Penrose, Ltd., creditors for £426. The chairman reported that that the company was promoted by Arthur J. Clark and Adrian B. Klein, who were the only directors throughout. A certain amount of printing work was undertaken; the

number of orders were small and could not be completed owing to lack of money with which to meet wages and expenses. During November, 1929, the rent of the works fell into arrear and various creditors obtained judgment. The landlord levied a distress and a creditor issued execution, whereupon a petition to wind up the company was presented. The failure of the company was attributed by Clark to lack of working capital and inability to obtain funds just as the company was ready to commence operations. A resolution was passed for Sir William McIntock to act as liquidator, a committee of inspection being also selected. Mr. H. Burford Judge attended on behalf of the company.

Illustrated Newspapers, Ltd.

Mr. William Graham presided on Monday at the third annual general meeting of Illustrated Newspapers, Ltd., held at the Cannon street Hotel. The accounts disclosed a profit for the year of £261,467, against £268,833.

Attention was directed to the company's investments, particularly in the Inveresk Paper Co. Several shareholders were critical, and the re elections of two of the directors were carried, on a show of hands, by very small majorities. One of the directors—Mr. Pike—was not re-elected. The chairman described the business as "very sound," remarking that all the papers controlled by the company were healthy. The report and accounts were adopted. Mr. William Harrison was present as a director, but did not speak.

The meeting of the Illustrated London News and Sketch, Ltd., followed, the report and accounts being adopted.

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Publisher of the CENTURY READY-RECKONER

Demy 8vo. 100pp. Full cloth 5/-

Calendars, etc., Received

THE Nickeloid Electrotpe Co., Ltd., New Street Hill, E.C.4, send a useful weekly tear-off desk calendar, which is of great assistance as a memory-jogger. With the calendar is a very ingenious and well-printed card bearing a cleverly-devised story with an advertising moral. The card, both in its matter and its illustration, is appropriately seasonable in character.

MESSRS. LORILLEUX AND BOLTON, LTD., issue a greeting card which, by presenting an admirable reproduction of a pencilled drawing and lettering, suggests novel possibilities in printing processes and inks.

A HANDSOME hanging calendar by Messrs. R. W. Crabtree, of Leeds and London, features an illustration in colours which is stated to be "a reproduction in two operations on a three-colour 'Ensign' Super-Offset of the very first rotary offset colour-print." A useful date-pad gives the last and next months' dates as well as those of the current month.

FROM Mr. William H. Sessions comes a notable greeting card with the accompanying message: "I send you my Christmas card with a dual purpose, first of all in greeting to yourself, and as my position as president this year of the Yorkshire Master Printers' Alliance enables me to say on behalf of Yorkshire how much I personally and the other printers of Yorkshire appreciate your good work for the improvement of our industry." The card, by the way, is also an admirable example of the work of the Ebor Press, particularly perhaps as regards the firm's speciality of seals. The design reproduces very strikingly the gold and enamel work of the presidential badge of the Yorkshire Alliance.

A FINE reproduction in colour of the portrait of Thomas White Smith, late proprietor of the Caslon Letter Foundry, gives distinction to the calendar of Messrs. H. W. Caslon and Co., Ltd.

THE Marshalsea Press—J. J. Keliher and Co., Ltd.—issues a neat and effective wall calendar, which is distinguished by having besides a daily tear-off pad complete dates for the current and next month.

STUDENTS of the London School of Printing responsible for the reproduction—by the photo-litho-offset process—of the pen-and-ink drawing which forms the main feature of the School's 1930 calendar, have every reason to be proud of their work. The drawing chosen is one of the Old Vic, by Arthur Moreland, and the slick outlines and clever shading of the original come out well in this remarkably good reproduction. With the calendar also comes a well-printed brochure of Press and other criticisms of the Year Book produced by students of the 1928-9 classes at the School.

MESSRS. PEAL, ASHDOWN AND HART, LTD. (the "Pahco Press") again issue a neat vest-pocket diary, which is itself a good example of this London firm's capabilities in the way of book production.

MR. T. J. KENNARD, the Leamington Spa printer, issues a monthly tear-off calendar on the leaves of which appear home-made verses and mottoes advertising print.

AGAIN from Messrs. M. C. Modi and Co., the Bombay printers, comes a greeting card Indian in style, showing artistic and literary taste, as well as good printing craftsmanship.

WE also acknowledge with thanks communications received from Miss Lawson (Sheridan Machinery Co., Ltd.), the *Bury Times*, Mr. L. D. Hart, the Isle of Wight County Press and Mr. L. J. Cumner.

PREPAID ADVERTISEMENTS

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	Three Lines	
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The following are the rates for Advertisements classified as under:—

	Per Line	
	s.	d.
Sales by Auction	2	0
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Patents for Sale	2	0

Replies may be addressed to Box Numbers, Offices of this journal for which a fee of 6d. is charged to cover postage of replies.

Annual Subscription (post free) 17s. 6d.

Cheques and Post Office Orders to be crossed and made payable to STONHILL & GILLIS, Ltd., 58, Shoe Lane, London, E.C.4

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MANAGER wanted for the Printing Department of a large manufacturing concern; applicants must have experience in all departments of Printing work; state age and give full particulars of experience.—Address, "Printing," Wm. Porteous and Co., Advertising Agents, Glasgow. 15418

THE *Liverpool Daily Courier*, one of the oldest newspapers in the provinces, ceased publication on Tuesday.

PRINTERS' MEDICAL AID.—On Saturday, the Walthamstow Musical Society will hold a concert at the Tower Hotel, Walthamstow, in aid of the funds of the Hermitage Convalescent Home, Hastings. The Right Hon. C. W. Bowerman, J.P., M.P., will preside, and many prominent representatives of the printing trade have promised to attend. It is the intention of the organisers of the concert to endow a bed at the home. The secretary (Mr. J. E. Baker, 30, Fleet street), will be pleased to supply particulars regarding the concert, which it is hoped will be generously supported by the trade.

BENEFITS

A trade organisation is judged by the generosity of the benefits it provides for its members.

THE PRINTERS' PROVIDENT ASSOCIATION provides Unemployment, Superannuation and Funeral Benefits upon terms which are lower than those of any other trade organisation.

The Society is the pioneer in the printing trade of the movement for joint associations of employers and employed.

It is the originator of the scheme for contributory insurance whereby employers assist in providing benefits of a reasonable nature for workers engaged in the craft.

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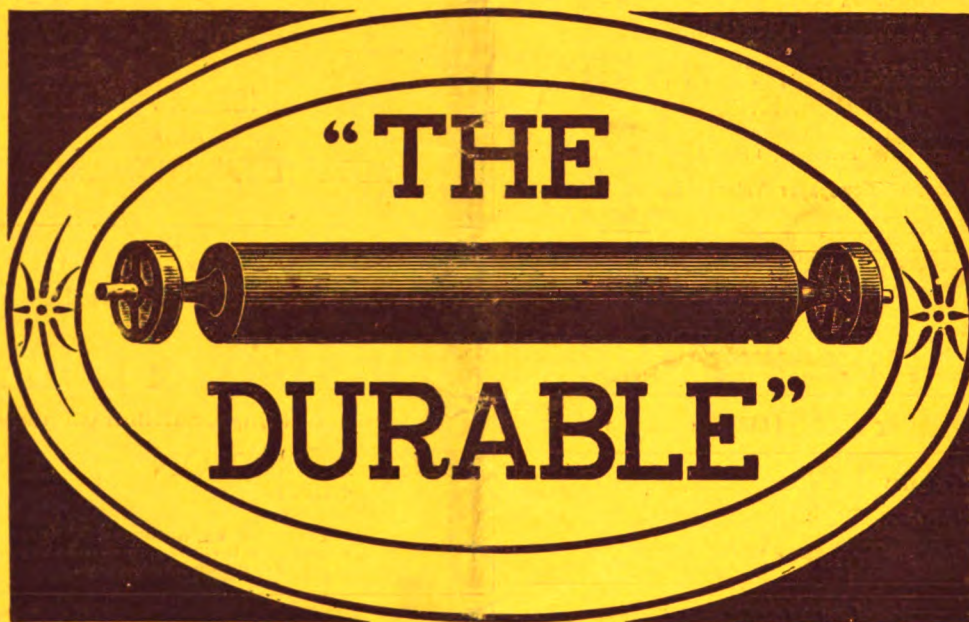
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Lt.-Col. E. L. MARLER

Managing Director

JAN 23 1930

"MONOTYPE" STANDS UP TO STEREO!

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 63

LONDON: JANUARY 9, 1930

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The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 63

LONDON : JANUARY 9, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THE "Members' Circular," the official organ of the Federation of Master Printers and Allied Trades, has done us the compliment of reproducing comments on Paper Standardisation, made recently in the *World's Paper Trade Review* and in this journal. That cannot do any harm, even though, as the "Members' Circular" says in an accompanying editorial, there are some castigations of the printer, which by the way, our contemporary does not altogether accept. In our opinion, it will need something more impressive than castigation to make printers accept and adopt paper standardisation. It will require thought, enthusiasm and a deep appreciation of the important part which paper plays in printing. When the "Members' Circular" says that "recognition by the paper supplier of what may be achieved by the adoption of the principles for which the Federation has fought" is the essence of these notes on standardisation, it is wrong. The essence of the notes was that printers are not supporting the scheme to any considerable extent.

* * *

THE only way to help forward paper standardisation is to carry out a programme based on actual fact. We say this because it is apparent that there is a tendency to assume false optimism—to whitewash the foundations, as it were. And we are inclined to think that even up at the Federation headquarters they are apt to wear rosy-hued spectacles when surveying progress of one sort or another. This is in some ways a forgivable and admirable trait,

because it is partly dictated by the spirit of optimism and partly follows upon a sequence of hard endeavour. Where paper standardisation is concerned there is a distinct danger of deliberately assuming optimism for its propagandic value, in the hope that non-users of the thousand-sheet basis will construe themselves to be so hopelessly in the minority as to compel immediate conversion. We do not mind confessing that we ourselves have at times adopted that attitude as part of a policy, but the times were as carefully chosen as our sensing of a situation would permit. The present, so far as paper standardisation is concerned, is a time for facing existing and unpleasant facts and a rather serious situation. Standardisation is partly established, and because it is only partly established it simply marks an

addition to the chaos that has always existed in regard to paper. No progress is being made; and unless definite and determined efforts are exerted to force the final and complete issue, it will have to be set down that standardisation is a failure. Part success with costing is so much of achievement, but partial progress in the establishment of basic standards of paper is confusion.

* * *

THE actual position is, so far as we are able to ascertain, that, numerically, very few printers are concerning themselves about the thousand-sheet basis, price per thousand, or boards in hundreds or standard sizes. For the greater part they continue to buy and handle paper and boards just as they did before standardisa-

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tion was thought of. If we consider the prospect from the tonnage or aggregate value point of view, it is probably correct to claim that the bulk of paper buying is standardised, because the chief supporters of paper standardisation are the large printing offices. Here, again, we would have to qualify statements if publishers' requirements are taken into account.

MR. HAROLD HOOD, who inquired very closely into the position, secured the views of nine of our most prominent paper concerns on "Paper Standardisation," and published his findings in a recent issue of the *British Printer*. Five of the concerns were big paper-makers with their own merchanting organisations, four were prominent merchanting houses with a close interest in certain mills. Between them, the nine concerns adequately represented that part of the paper industry which serves printers of the sort for whom Standardisation has been introduced. Briefly summarised, the nine concerns were unanimous in stating that only from two to five per cent. of printers placed their orders on standardisation principles; that they were in favour of standardisation and that its advantages were real and considerable to themselves as well as to printers; that publishers still cling to reams of 516 and that they would give customers what customers desired. And from our own experience of these paper concerns, with many others, along with a wide acquaintance of printers small and large, we know that the situation is truthfully represented by the foregoing statements.

BEARING on the same subject, we have a letter from a Leicestershire correspondent, a small printer, who pays us a nice compliment as a pleasing preface to some straight criticism on paper standardisation. Bluntly, he says, there has been no paper standardisation, only in methods of packing. The ultimate aim of real standardisation, he continues, is to reduce production costs and sell more cheaply to the printer. And then he asks us to tell him how a single penny has been saved by the printer having his paper supplied in packets of 1,000 as against reams of 500. As he goes on to agree with reams of 500's and with standard sizes and substances, finishing up with a prophecy that printers will still be talking in reams a century hence, we are left to conclude that all we have to answer is whether there is any practical economy in having the basis of 1,000 sheets rather than 500. From our own experience, we can say that there is a direct money gain in the time saved on calculations and by the avoidance of error because of the simplicity of the calculations. The other things we have to say are that so long as standardisation is aimed at, the purely decimal basis of 1,000 is preferable to 500; and this, that if 500 sheets had been decided upon, it would have been no less difficult to establish than the 1,000-sheet basis.

FINALLY, we are not going to leave this subject without reverting to a paragraph in the editorial of the "Members' Circular," which reads: "In recent weeks the paper trade press has shown a remarkable, though tardy, recognition of the tremendous advantages that complete standardisation would bring." We will challenge the writer of that paragraph to go back fifteen years and produce a quarter as much matter from the "Members' Circular" striving for paper standardisation as has appeared in the *World's Paper Trade Review* (companion journal to the *British and Colonial Printer*). Further, we will tell him that the present scheme owes its institution to the *World's Paper Trade Review*, and that the original draft of the

proposed reformation of paper sizes, substances, etc., was drawn up by a writer in that journal; later, revisions and proposals were made at the request of the late Mr. Howard Hazell. The *British and Colonial Printer*, too, has consistently and forcefully played its part in pressing upon the printing trade the need for the reforms which its companion journal pioneered.

FROM 1914 until now, the *World's Paper Trade Review* has pushed and pressed for standardisation on a much wider and more efficient basis than would be established by the measure agreed to. It was the first to start the campaign seriously, and its matter on the subject has been reproduced time and again in official organs and trade papers here and elsewhere. To speak of tardy recognition of paper standardisation to a journal which has done more than any other to bring it about is an unjustifiable comment which must have a nail driven through it.

Advertising in Norway

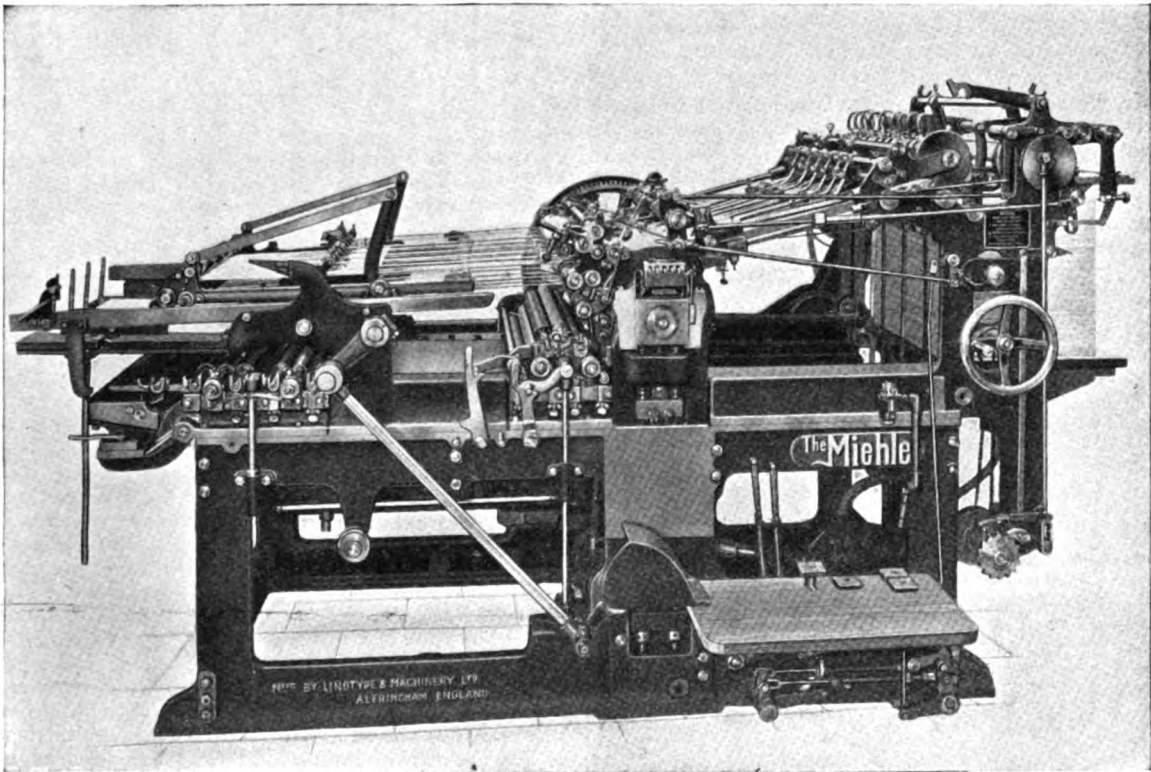
The British Commercial Secretary at Oslo has issued a memorandum on "Advertising in Norway." He recommends to British exporters the use mainly of the Press, but points out that Norwegian newspapers and periodicals are not printed on really good paper. Fine colour illustrations and high-class photographic reproductions are, therefore, difficult. The more important newspapers, however, make considerable use of drawings and photographs and have their own stereotyping and reproducing departments.

Posters, he says, are comparatively little used. They are seen mainly in railway stations.

Although considerable use is made of catalogues, calendars, brochures, blotters, cards, tram and bus tickets, etc., by important firms, this form of advertising has hitherto played a comparatively subordinate rôle as a means of propaganda.

Co-operative Printers' Profit-Sharing

The return for 1928 by the Co-operative Productive Federation of the co-operative printing societies associated with the Federation has just been issued. Details are given of eleven societies, with a total membership of 1,981, and an aggregate loan and share capital of £125,462. At the end of the year the number of employees totalled 503 and the wages paid amounted to £74,068. Business to the extent of £159,751 was done during the year, resulting in a net surplus of £5,220. All the societies contributed to this surplus. Seven societies made allocations to their workpeople, the Bristol Printers giving a total of £133 to their 23 workers; the London Bookbinders, £55 to six employees; Derby Printers, £250 to 20 employees; Hull Printers, £100 to 43 employees; Leicester Printing Society (the largest in the group), £504 to 208 employees; Nottingham Printers, £26 to nine employees; and Swansea Printers, £100 to 25 workpeople. Allocations to capital, totalling £380, were made by six societies, and five made division to customers to the amount of £1,202. Various grants were also made to educational and charitable purposes, aggregating £481. The total assets of the eleven societies were valued at £157,306.



The Miehle No. 6

The press that printers needed
and built the way
they wanted to have it

HENCE ITS SUCCESS

Made in England by
LINOTYPE & MACHINERY LIMITED, NINE KINGSWAY, W.C.2

Who's Who

Waterlows' Works Director

Mr. Russell Palmer, who has consented to occupy the chair at the next concert of the Lithographers' Auxiliary—at the Cannon Street Hotel, on the 20th instant—is the works director to Messrs. Waterlow and Sons, Ltd. Mr. Palmer, who is also on the board of directors of this well-known printing firm, has held his present position for something like twenty-four years, and his total period of service with it reaches



MR. RUSSELL PALMER

thirty-nine years. Up to 1918, Mr. Palmer was identified more with the selling side of the business, but he has since then devoted his energies to the works.

Mr. Palmer can speak with much interest regarding the changes that have come about in the methods of production in the printing industry since he first became connected with it. With reference to his own firm, practically every class of printing is executed, except newspaper production. During his early days with Waterlows, nothing but flat-bed work was done, but to-day this has largely been dispensed with, giving place to the product of rotaries working at enormously increased speeds. In no other branch of the industry has Mr. Palmer seen so much progress as in that of lithography. Under his control, the firm with which he is identified undertakes printing work of every description, including photogravure, collotype and steel-plate printing, bag and envelope making.

In addition to his trade experiences, Mr. Palmer has seen war service on two different occasions, having been with the City of London Volunteers in the South African War, and with the Hon. Artillery Company for three years in the Great War.

Mr. Palmer has never before taken the chair at any similar function, although he is a supporter of charitable efforts connected with the industry. He is hoping for the full support of the industry in this endeavour to raise funds for the Printers' Pension Corporation.

F.M.P. Matters

Several meetings of committees connected with the Federation of Master Printers are being held this week, prior to the council meeting on Tuesday, January 14th—which, by invitation of the Lord Mayor, is to take place at the Mansion House. Members will be entertained to lunch by the Lord Mayor. Among the many important items which will be considered at this meeting is a proposal to form a new photogravure section of the Federation. The Publicity and Selling Committee will submit proposals for a new series of publicity for use by Federation members, and will report on the arrangements being made for the exhibition of printing under the auspices of the Federation at the British Industries Fair; also for the publicity and selling session at the Federation annual meeting from May 31st to June 4th, and for the printing session at the Advertising Convention at Hastings during June.

A number of interesting items will be brought forward in the report of the Costing Committee, and many vital matters of immediate interest will be discussed under the report of the Contracts, Registration and Transports Committee.

Coming L.M.P.A. Meetings

The London Master Printers Association announces the following meetings arranged by the District Associations:—

Monday, 13th, at 7.15 p.m.—White House Restaurant, 3, Stroud Green Road, N. Members' Night.

Tuesday, 14th, at 6.30 p.m.—Bridge House Restaurant, London Bridge. Whist Drive and Soirée (admission by invitation).

Wednesday, 15th, at 6.30 p.m.—Universal Restaurant, 411, High Street, Stratford, E.15, special business meeting.

Arrangements for any other meetings in January will be intimated direct to local members.

On Monday, February 3rd, 1930, a District Rally of the South-East, South-West and Thames Valley Associations will be held at Arding and Hobbs' Restaurant, Clapham Junction, S.W.11, at 7 p.m. A lantern lecture entitled "Place Names and How To Understand Them," with illustrations from the south of the Thames will be given by Mr. Arthur Bonner, F.S.A. (vice-president, L.M.P.A.). Mr. Alfred Langley (president, L.M.P.A.) will preside.

THE late Mr. Joseph William Neal, of Wood Green, N., proprietor of the *Sentinel* and at one time chief sub-editor of the *Star*, who died on November 18th last, aged 64, left £8,116.

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The same machine that gives you “larger profits on larger sizes” (5 to 72 pt.) will cast all the leads, rules, strip borders and quotes you want—new & accurate. Make money on the “Super”

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Personalia

SIR WILLIAM WATERLOW, in his capacity of Lord Mayor of London, is to visit Verdun on May 31st under the auspices of the Association France-Grande-Bretagne.

LORD ROTHERMERE, on Saturday evening, gave a dinner to members of his editorial staffs, to celebrate the first year's activities of the Northcliffe Newspapers. Lord Beaverbrook was the principal guest.

MR. WILLIAM MAXWELL (president of the Federation of Master Printers), Mr. W. L. Bemrose (president of the Midland Alliance), and Mr. F. H. Bissett (joint secretary, F.M.P.), will be among those present at the annual dinner of the Leicester Master Printers Association to-morrow (January 10th).

MR. WILLIAM MAXWELL, F.M.P. president, is giving a private dinner to the presidents of the F.M.P. Alliances on Monday, January 13th.

COLONEL W. H. BARRELL, president of the Home Counties Master Printers Alliance, entertained to dinner at Canterbury on Monday members of the East Kent Area who will be concerned in the Re-grading enquiry which will shortly take place in the district. Among those present was Mr. F. H. Bissett, joint secretary of the Federation of Master Printers.

MR. T. E. NAYLOR, M.P., will be in the chair, and Mr. F. O. Roberts, M.P., will lead community singing with his violin, at the annual reunion of the London Labour Party, to be held at the Royal Horticultural Hall, Westminster, on the evening of Saturday next.

MR. H. R. EVANS, O.B.E., assistant works manager of the *Daily Express* and *Sunday Express*, has resigned his appointment after being in the service of the company for ten years.

MR. C. T. PHILCOX, who has just retired after 60 years' service with Eyre and Spottiswoode, Ltd., East Harding Street, can claim a life-long association with the City, of which, as of the Stationers' Company, he is a Freeman.

MR. FRANK COLEBROOK, F.A.I., contributes to the current issue of the *Land Agents' Record*, "A Fleet Street New Year Musing."

MR. J. J. MALLON, M.A., J.P. (Warden of Toynbee Hall), is to lecture on "The Training of the Box-Maker" at Stationers' Hall to-morrow (Friday) at 6.30 p.m., admission being free to all associated with the printing and allied trades.

MR. PHILIP ROBINSON (managing director of Messrs. Robinson and Sons, Ltd.), will take the chair at this lecture, which is held under the auspices of the Stationers' Company and Printing Industry Technical Board.

On his retirement, after 57 years in journalism at Peterborough, Mr. W. H. B. Saunders, late editor of the *Peterborough Citizen*, has been presented by the Mayor of Peterborough in the Guildhall with a purse of 150 guineas, publicly subscribed in the city and neighbourhood.

ALD. G. E. HOPE, Mayor of West Hartlepool, is arranging a series of civic visits to works in his neighbourhood, to enable members of the Council to get a closer and more sympathetic knowledge of local industries. The latest visit was to the Durham Paper Mills.

MR. G. J. FRESHWATER, lately advertising manager of the British Zonophone Co., has been appointed advertising manager to the Marconiphone Co., Ltd.

Trade Notes

A PETITION has been presented for the winding up of the Realist Publishing Company. The petition is by Hazell, Watson and Viney, registered office, 52, Long Acre, London, a creditor, and is to be heard in London at the Royal Courts of Justice, Strand, on 13th January.

THE *Worcestershire Chronicle* announced on Friday that it and two other allied papers—the *Worcester Herald* (a weekly) and the *Worcestershire Echo* (evening)—ceased publication with that issue. The *Herald* had been published continuously since 1794.

THE death has taken place at Blyth, of Mr. Thomas Robson, a well-known master printer.

THE late Mr. Ebenezer Paton, of Helensburgh, wholesale stationer, left personal estate of £27,518.

THE late Mr. Henry Edward Price (63), of Chorlton-cum-Hardy, Manchester, manufacturing stationer, left £6,746.

THE late Mr. Arthur Richard Gibbon, of St. Leonards-on-Sea, and of A. R. Gibbon, Limited, printing ink manufacturers, Farringdon Road, E.C., who died on October 13th, left £14,404, with net personalty £4,673. He left bequests to several employees.

A CLAIM for 975,000 dollars (£200,000) damages from two American firms is being made in New York by Mr. Joseph Weiner, the London printer and poster designer. The dispute relates to an idea for using carriers' carts for special advertising purposes.

A DISTRICT rally will be held on Monday, February 3rd, of the South-East, South-West and Thames Valley Master Printers Associations at Messrs. Arding and Hobbs' Restaurant, Clapham Junction, S.W.11, at 7 p.m. There will be a lecture by Mr. Arthur Bonner, F.S.A. (vice-president L.M.P.A.), whose subject will be: "Place Names and How to Understand Them," with illustrations from the south of the Thames (illustrated by lantern slides). Mr. Alfred Langley, president L.M.P.A., will occupy the chair, supported by Mr. J. W. Jackson, president S.-E. Association, Mr. E. J. Pegg, president S.-W. Association, Mr. J. W. Thomson, president T.V. Association. Ladies are specially invited and refreshments will be provided.

PRINTERS' CROSS-COUNTRY RACE.—The Printing and Allied Trades Charity Sports Association will hold its annual cross-country race on April 5th at Chingford. After the race there will be a dance at the Royal Forest Hotel, Chingford. Further particulars will be supplied on application to the cross-country secretary, Mr. A. McLeod, 57, Manchester Drive, Leigh-on-Sea.

INTERESTING recollections (with illustrations) of Young's Patent Composing Machine, 1840, appear in Spalding's *Quarterly*.

THE Merchandise Marks Inquiry as to whether imported wallpapers should be required to bear an indication of origin, will be resumed on Monday and Tuesday, January 20th and 21st, at the Board of Trade Offices, Great George Street, London, S.W.1.

DUTY ON NEWSPRINT.—A letter written by Lord Rothermere to a correspondent, and published in the *Daily Mail*, deals with his lordship's proposals in respect of tariff reform. He states that he would have Canadian newsprint enter Britain duty free, but would impose a duty of not less than 10 per cent. on foreign newsprint with corresponding duties on all other kinds of imported paper.

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FANCY WRAPPING PAPERS FOR
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INK**

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Stereotypers' Overseers

Annual Meeting

The annual general meeting of the Electrotypers and Stereotypers' Managers and Overseers Association was held on Thursday, January 2nd, at the usual headquarters, St. Bride Institute, Bride Lane, E.C., Mr. A. Chadwell (president) being in the chair, supported by Mr. J. Black (vice-president).

Following the adoption of the minutes, the chairman said he much regretted the duty that fell upon him of having to announce the deaths of three old friends of the Association. These were Mr. C. S. Yeates, one of the founders; Mr. William Longley, a valued member of the Association and for long its treasurer, and Mr. Hay. Out of respect for the memory of these deceased gentlemen he asked those present to rise for a few moments' silence.

The meeting next proceeded to elect officers for the forthcoming year.

OFFICERS ELECTED

On the proposition of Mr. W. Bullett, seconded by Mr. J. Black, Mr. A. Chadwell was unanimously re-elected president.

Mr. Chadwell briefly returned thanks for the honour again conferred upon him by the members.

The chairman, in proposing the re-election of Mr. J. Black as vice-president, spoke of that gentleman's constant willingness to do the best he could for the members of the Association.

The proposition was seconded by Mr. Harry Filkins, and Mr. Black made suitable reply.

On the proposition of Mr. Black, seconded by Mr. Atkins, Mr. A. H. Howell was elected to serve as a trustee with Mr. H. Fulcher.

Mr. Harry Evans was re-elected to the post of treasurer on the motion of Mr. A. Chadwell, seconded by Mr. Black.

Mr. W. Bullett was unanimously re-elected secretary on the proposition of Mr. Chadwell, seconded by Mr. Howell.

The following were elected to serve as members of the executive:—Messrs. Bishop, Filkins, Craske, Forsyth, Crosby, Clack, Greenaway and S. C. Atkins.

It was decided to hold another members' informal dinner, and also agreed that it should be held on March 13th at Carr's Restaurant, Strand, the stewards for the event being Messrs. Forsyth, Craske, and Evans. The members unanimously asked Mr. Black to preside on the occasion of the dinner.

Application for membership was made by Mr. H. J. Davis (Messrs. Badoureaux and Jones) and cordially granted.

AMONGST the publications to which the printer and allied trader annually looks forward, "The Compositors' and Printers' Handbook" (issued by the London Society of Compositors) is easily one of the principal. In addition to the diary and pages for memoranda at the beginning of the book, where particulars are given concerning the various trade unions within the industry, there are numerous articles of a useful and practical nature dealing with different branches of the trade. A mass of carefully selected tables, also given, is likely to be of service to all engaged in the industry, whilst the schemes of imposition form a valuable part of the publication, which is again compiled by Mr. C. E. Coveney, the financial secretary of the L.S.C. The handbook is published at 6d.

Trade Union Matters

A FRAMED portrait of the late Mr. Tom Shaw, a former member of the executive council of the Typographical Association, has been presented to the Association headquarters at Manchester by the committee and members of the Sheffield branch.


WORKING OF CYLINDER MACHINES.—The secretary of the Watford branch of the Typographical Association has reported to the executive council that a firm in his branch had recently introduced cylinder machines into what had previously been a platen-proofing section, and that the men who were formerly on the platens had been placed on the cylinder machines. The firm was a process house as well as a printing establishment, and the platen-proofing section was outside the jurisdiction of the Association. Friction had been caused by the action of the firm, and the Watford branch wished to know if the practice could be allowed. The executive council, after consideration of the position, have advised the Watford officials to get into touch with the Platen Machine Minders' section of the Paper Workers' Union to see if an agreement as to the working of the machines could be arrived at.

OUT-OF-WORK BENEFIT AND HOLIDAYS.—The executive council of the Typographical Association have had under consideration correspondence from the Huddersfield branch concerning the claim by some members for out-of-work benefit during the local holidays. Most of the local printing offices closed down for a day or two, but not for the whole week. The members concerned were given three days' holiday, which was more than in previous years, and they contended this was because of shortage of work, and that they were entitled to benefit. The executive council, however, decided that the time off must be reckoned as a holiday, and that out-of-work benefit cannot be paid.

ROTARY MACHINEMEN'S WAGES.—Difference of opinion has been expressed recently in the Newcastle-on-Tyne area as to the payment for rotary machine minders. The Linotype operators and case hands in an office in that branch receive 10s. above the grade rate, and it has been contended by the local committee of the Typographical Association that as the rotary machine minders are placed in the same grade as Linotype operators they should receive the 10s. bonus. The firm, however, contend that the clause on the point applies only where the agreed Linotype rates are higher for the whole of the branch, and not only in individual offices. The executive council of the Typographical Association, to whom the matter has been referred by the branch, state that they are of opinion that in view of the offer of the firm of a bonus to the Linotype operators to induce them to remain in the employment of the firm, a principle has been established which should also apply to the rotary machine minders.

THE London Society of Compositors Jobbing Guild, founded in March, 1909, will have completed 21 years of useful work in March next. A suggestion has been made that the occasion be celebrated by the members (past and present) and friends of the Guild, the celebration to take the form of a dinner (with music and entertainment), on or about Saturday, March 29th.

THE demand for copies of the first edition of Goldsmith's masterpiece, "The Vicar of Wakefield," is evidenced in the fact that when two dilapidated copies appeared at Sotheby's the other day, despite their condition, one realised £395 and the other £500.



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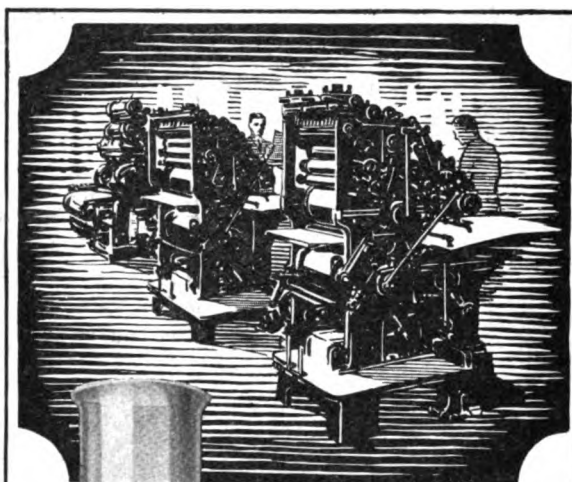
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Australian Notes

THE AUSTRALIAN PRINTING TRADE—PRICES OF BOOKS
—AUSTRALIAN PRINTING LAWS: SUGGESTED REVISION
—ACTION RE IMPORTED PRINTING MACHINE—WRITS
AGAINST NEWSPAPER DROPPED.

From Our Sydney Correspondent

EMPLOYERS were blamed for the present financial stringency existing in the Australian printing and other industries, at the recent fifth annual convention of the Master Printers' Association of Australia. Mr. W. Christie, president of the Federal and local bodies, who presided, said the position was due to employers who had neglected business in pursuit of pleasure.

DEALING with the apprenticeship problem, Mr. Christie said the Western Australian provision in regard to psychological tests was the only one of its kind in Australia, and had worked well. Speaking on the value of the industry, Mr. Christie said it afforded employment for 27,000 persons. In 1926-27 the number of factories was 1,301, and the approximate value of the land, buildings, and plant was £13,575,511, while £5,934,778 was paid in wages.

RUMOURS that the retail prices of books in Australia are shortly to be increased have now been denied by the manager of a prominent publishing firm, who states that prices are shortly to be reduced, by arrangement with English publishers.

As the result of a motion from the Queensland Printing Joint Council at an inter-state conference in Melbourne recently, concerning the printing laws of America as applied to Australian authors, the printing industry unions of Australia are to discuss the whole matter.

As things stand at present, books by Australian authors and first printed and published in Australia must be printed from type set within the limits of the United States of America, and bound there, before they can acquire copyright in that country. On the other hand, American authors can secure copyright throughout the whole of His Majesty's dominions by simultaneously (within 14 days) issuing copies of their work to the public in one of the said dominions. It is with a view to obtaining the same printing laws for Australia that the printing trade unions are to meet.

THE question of whether an imported ticket printing machine did or did not tally with the description given, at the time it was ordered, came up for decision in a recent action in the Sydney Civil Courts. Messrs. Edwards Dunlop and Co., Ltd., of Sydney, importers of machinery, were the plaintiffs, and Messrs. Shovelton and Storey, of Spring Street, Melbourne, were defendants. Plaintiff company claimed £386, being the price of a jewellery ticket machine imported from Germany, and delivered to defendants in February, 1928. The defence was that the machine did not correspond with the description given when it was ordered, and that it was not of merchantable quality. Defendants counter-claimed £500 damages.

THE judge held that plaintiff company had not discharged the onus of establishing its case, and defendants had not established proof of their counter-claim. As to the responsibility of the importers to supply a machine of merchantable quality, his Honour held that the burden lay on the importer to prove that the machine

was reasonably fit for the purpose for which it was required. He gave judgment for defendants on the claim, and for plaintiff on the counter-claim. Plaintiffs were ordered to pay defendants' £100 costs.

THE *Sydney Morning Herald* has been advised by its solicitors of the discontinuance of actions relating to writs issued during the recent Federal elections claiming damages against the *Herald* on behalf of Union Theatres, Ltd., and a Sydney printing and publishing firm. Although the writs did not disclose the cause of action, it was understood that they referred among other matters to the printing and publishing of certain election posters for certain electorates.

New companies registered in Sydney recently include G. Truscott and Son, Ltd.—capital, £5,000 in £1 shares, to carry on the business of printers' ink manufacturers, and to deal in colouring materials, printers' requirements, &c.; also, Society Publications Pty., Ltd.—capital, £5,000 in £1 shares, newspaper proprietors, etc.

Institute of Printing Salesmen

Just over a year ago the inaugural meeting of the Victorian Institute of Printing Salesmen was being held in Melbourne, Australia. The meeting was the outcome of the wishes of an enthusiastic little band of salesmen of print to form an association of their own, by which they could get to know each other better, and discuss current problems and developments in their calling.

At that time there were 34 members of the Institute, but to-day the number has increased to 60, and recently an annual dinner was held at the Hotel Alexander, Melbourne, which proved a great success.

Mr. A. F. Ware (first president of the Institute), was in the chair, and he was supported by the vice-president, Mr. W. R. M. Dimond, who planned, organised and conducted an enthusiastic display of community singing, and the hon. secretary, Mr. W. G. Criswick.

The toast of "The Victorian Institute of Printing Salesmen" was proposed by Mr. Horace E. Wilson, of Melbourne, who congratulated the founders, and spoke of the splendid facilities now provided by the Institute for printing salesmen to broaden their outlook by informal discussions and taking advantage of the educational lectures provided by men who know their job thoroughly.

Colonel Rankine, D.S.O., senior vice-president, in acknowledging, said that although many held the ideal, it had been left to Mr. Ware to weld the Institute into the solid body which it now undoubtedly was.

The toast of "The Printing Trade" was proposed by the president, Mr. A. F. Ware, who spoke of the progress of the printing industry through the ages. He particularly stressed the great importance of printing and urged all printing salesmen to realise its tremendous power. The salesman, he said, must know his job; he must know the adaptability of the various processes of printing, as well as process engraving, electrotyping, etc. and must also have a good knowledge of paper and its suitability for any particular job.

In a most eloquent address Mr. E. H. Jenkin, president of the Master Printers' Association, showed how printing had made knowledge the right of all men; and indicated the importance of the industry in Australia, pointing out that it paid the fourth largest wage bill.

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Photo-Lithography

Inking-up and Subsequent Manipulation

By CHARLES HARRAP

In all cases after the exposure of a plate or stone (the printing surface) in the printing-down frame, the plate, or stone, is removed and inked all over solid. There are several ways of performing this operation, of which one is the easiest and is usually quite effective.

THE EASIEST METHOD

This method is to rub over the printing surface some good press black ink (frequently known as best chalk printing ink), using a clean, dry rag of good texture but not too hard. The ink has to be thinned with pure turpentine; no turps substitute should be used. The ink is thinned rather freely so that it flows readily with the rubbing by the rag. The amount of ink must not be in excess, but just sufficient to cover the whole surface evenly. In this condition the ink will dry by the evaporation of the turpentine. To increase the speed of drying, it has been proved very effective to add a few drops of benzine to the thinned ink.

As soon as the ink is dry, the plate or stone is washed thoroughly under a broad stream of water from a flattened nozzle on the tap or by a rose on a rubber tube, helping the development by carefully rubbing the surface with a pad of cotton wool. By this treatment the sensitive coating is removed where there has not been any exposure, and all that is left is the design or subject, which is firmly adherent to the printing surface. The adherence of the subject is due to that chemical action which constitutes the basis of all planographic surfaces; this is the printing substance which will take printing ink and repel water. At this stage the sensitive character of the surface no longer exists, and all further operations can be carried out in daylight.

After the washing, the surface may be drained or fanned dry, and covered with an even coating of clean, strained gum arabic solution if the design appears to be quite firm. If the work is not sound, the plate must be washed quite clean so that it may be touched up with lithographic artists' ink; and any new work may be drawn or corrections made; then follow with gum and allow it to dry. This first gumming of the surface and drying it is an important point in planography as it renders the printing surface so much less liable to become greasy in subsequent treatment. When a printing surface has once been gummed it is only by the proper chemical treatment that the gum can be effectively removed to enable new work to be drawn or transferred on it.

With most work the foregoing treatment is sufficient, and the etching and rolling-up as required for zinc, aluminium or stone may be proceeded with.

There are, however, a few instances where still further treatment is advisable. Thus, after the design has been rubbed-up, washed, gummed and dried, it may be that the ink on the work does not appear to be strong enough for the etch and further treatment. In that case, the whole of the work should be again rubbed-up with the thinned ink, using a sponge. Some craftsmen roll it up with a handpress roller, as used by lithographers—the object being to build up the ink on the work to give more body to it, so as to hold the resist before etching. In all operations on aluminium, the

plate should be warmed after rubbing-up, and allowed to cool before anything further is done to it. In fact, it is better in any case to allow the surface to have a rest—the longer the better—after the rubbing-up and gumming over.

ANOTHER METHOD

For inking-up a printing surface (plate or stone) without rubbing-up, the thinned ink may be poured on the plate to form a pool of sufficient quantity to provide a thin coating all over the surface. This ink is distributed by rolling steadily with a composition roller until the film has been rolled out evenly all over. Should there be an excess, it can be removed by a roller that is free from ink, which will lift the excess and sharpen the work generally. After developing with water, wipe and fan dry. Then dust it with the resist, such as talc or bitumen, and proceed to treat it with the etch, wash, gum-up and dry.

AN OLDER METHOD

One of the earliest methods has been improved and used successfully in recent years. In this, the thinned ink is kept in stock in a bottle, and for use is poured on a soft, or velvet pad and rubbed over the design. The surface is finally rolled up with a velvet roller to give evenness and body.

AN UNNECESSARY VARIATION

There are still some craftsmen who prefer to add a little transfer ink to the thinned rubbing-up ink with a view to strengthening the work. But, providing that the sensitised coating and the exposure have been correct, this addition of transfer is unnecessary. Even if the sensitised coating has been put on thick, as for weak negatives, and the exposure has been well timed, there is no necessity to add transfer ink.

Touching this matter of doubtful strength of the photographic image, it is generally found that when a weak negative is used, the image is so strong that all the weaknesses of the negative print through and give rise to a general scum over the surface where it should be white. This scum is so strong and takes ink so readily that it is frequently more economical to make a new plate than attempt to clean it off. The methods for making plates from weak negatives were fully described in the December 12th, 1929, issue of this publication.

It is not, therefore, weakness in the image which is to be expected and guarded against as is inferred in the above addition of transfer ink.

When, however, there is strong evidence that the rubbing-up ink is really at fault, and that it cannot be relied upon to take the resist and withstand the etch, the surface may be treated with a strong "wash-out" fluid, made by saturating 1 pint of turpentine with bees' wax (not paraffin wax) to which is added 1 oz. sensitive bitumen. This mixture requires time to dissolve and should be shaken occasionally. This "wash-out" or "doctor" is used by rubbing it all over the surface with a soft rag on top of the dry gum (already fully dealt with in the third paragraph of this article). Subsequently, after washing off the gum, the work may be

rolled-up and is ready for the etch, etc., of original work on zinc, or aluminium, or stone.

TREATING PLATES FOR PRINTING

As this description may be read by craftsmen who are entirely engaged upon the art of photo-lithography only, up to point of producing plates for lithographic printers or planographic printers, it is necessary to add a brief description of the treatment which the plate or stone has to go through for the purposes of producing the finished prints on paper.

The plates used may be either "pure" zinc or "pure" aluminium, and the stones are the lithographic stones as quarried. Each of these printing surfaces has its own peculiar properties, and requires certain differences of treatment. In these circumstances each material will be dealt with separately.

ZINC PLATES

Zinc plates are rolled to different thicknesses, and may be grained with different sizes of grain to suit the character of the design to be printed. The plate which is sent to the photo-lithographer, is therefore grained to suit the subject, and in respect to size and thickness is as the printer requires it. It is evident that the photo-lithographer must use the plate sent by the printer.

When the printer receives the plate, it is treated as follows:—

(1) The gum is washed off with clean cold water, and wiped with a damping cloth to reduce the moisture to a thin film suitable for—

(2) Rolling-up thinly in black printing ink sufficiently to hold the resist (see No. 4).

(3) At this stage it may be cleaned up, by removing all unnecessary specks.

(4) Then follow with the etching resist of talc only, which is spread evenly and worked into all the ink lines by moving it about in all directions with a wad of cotton wool.

(5) The etching fluid is then applied all over the plate, with a sponge or felt pad, and kept moving for about two minutes. The most convenient etch is "Zetch."

After the etch has been on about two minutes, gum the plate all over. If Zetch has been used, the plate can be washed clean, and is ready for printing.

(6) If some other etch—such as that made of gall-nut solution, phosphoric acid and gum arabic solution—has been used, it is customary to

(7) Wash off the etch, gum the plate evenly and dry it, then

(8) Wash out the work with a strong washing-out fluid, and allow it to penetrate well, then wipe it all off with clean rags and water, and roll-up with black ink for a

(9) Second etch of gallic acid, phosphoric acid and gum solution, or a solution of "Zetch," which when washed off and rolled-up leaves the plate ready for machine printing.

ALUMINIUM PLATES

The matter in the first paragraph for zinc plates (above) is equally applicable to aluminium.

In the case of aluminium, the various operations given for zinc are carried out in the same order. If "Zetch" be used, then the actual treatment is the same. But if the etching fluid be composed of 20 per cent. phosphoric acid and gum solution, then the first etch will be weaker than the second etch by about one-third.

It is generally advisable to warm an aluminium plate, with the work on it, before commencing the etching and rolling-up.

Aluminium is not quite so sensitive to the transfer ink as zinc or stone, and in addition to warming it

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first, each operation should be done deliberately and not hurried over.

LITHOGRAPHIC STONE

The photo-lithograph on stone is generally stronger than on zinc or aluminium, but requires reasonable care in manipulation.

To roll it up, after the rubbing-up with printing ink, wash off the dried gum, damp the stone and roll up firmly. Dust with talc and etch with a weak solution of nitric acid and gum arabic. This may be brushed over, well into the work, for a few minutes, then washed off clean. By further washing with warm water and a treatment of acid-alum-water, followed by whiting, and a good wash, the stone may have new work drawn or

transferred upon it, and the photo-work may be repaired. Finally, gum-up, dry, and wash off the gum for rolling-up, dusting with resist and an etch of weak nitric acid and water. When this is washed off, the gum is then spread all over it and dried, ready for printing.

PLATE-BEDS

Iron beds for mounting plates upon, are easily obtainable for press use. Although this may be convenient it is not by any means necessary, as plates can be laid on damp stone, or upon a sheet of damped paper on stone. The damping may be gummy water. The pressure of rolling-up is sufficient to flatten-out the plate and equalise the adhesion by driving out the air.

Water-Colour Printing

Reasons for Its Success

Remarkable success has attended the introduction of water-colour printing, both in America and Canada, and many of the leading technical journals have devoted much space to the subject. It has even been called "the greatest thing that has happened in the trade during the last quarter of a century." Not since the advent of the offset process has any new development in printing and lithography created such widespread interest. While there is no likelihood of water inks displacing oil inks, yet new uses will undoubtedly be found for them in the future.

There is a charm about water-colour printing, just as there is a charm about water-colour painting. Certain advantages exist, and in most cases these are sufficient to overcome the disadvantages, whatever their nature. Printing in water-colour inks possesses three distinct characteristics, which, in many cases, are distinct advantages. Brilliance and purity of colour, opacity and matt finish. The brilliance and purity of these inks cannot be matched by the oil inks as yet. This density of colour establishes opacity to a remarkable degree quite unobtainable in ordinary inks. Not only is it possible to print a brilliant green or blue on a dark cover-paper, but also to obtain an excellent result with one impression, instead of two or even three impressions as is the case with oil inks. Naturally, water-colour printing lends itself perfectly to the reproduction of water-colour designs. They are also eminently suitable for the reproduction, or production, of delicate pastel shades. Another distinct advantage lies in the fact that water-colour inks dry by absorption, thereby ensuring the maximum depth and purity of colour, giving reproduction faithful to the original, besides rendering slip-sheeting unnecessary and allowing several colours to be printed in immediate succession upon a series of machines.

Practically any kind of paper is suitable for water-colour printing, although the best results are obtained from rough-finished papers, such as antiques, offsets and cartridges. There are also several book papers, soft covers and dull-surfaced papers on the market that are considerably cheaper than the coated grades, and, whilst affording a decided saving in cost, have properties beautifully adapted to water-colour printing.

At the present time there are several processes in America and Canada, but all of them require special plates, special rollers and special inks. The most popu-

lar method appears to be the Jean Berte process whereby the plate for printing has a soft rubber surface with metal underneath, so that it may be attached to bases for printing on letterpress machines. Again, a firm in Rochester, New York, known as Parazin Plates, Inc., market a new printing plate material which offers new and limitless opportunities. Parazin Plates, as they are called, are supplied in sheets 22 in. x 28 in., and are cut in the printer's own works, where striking and effective designs may be produced in endless variety. The third process which gives good results is controlled by the Braden-Sutphin Co., of Cleveland, Ohio. This latter company does not employ the composition plate, but rather does it supply the printer with a solution which is spread over an ordinary zinc plate to make it retain the water-colour ink. The solution is also used for coating the rollers. It is necessary, however, for the press and plates to stand for some hours after this coating is applied before proceeding with the printing.

F.M.P. at the B.I.F.

The Federation of Master Printers is making arrangements for a very attractive stand at the British Industries Fair to be held at Olympia from February 17th to 28th this year. Fifty-eight feet of space have been secured in the New Empire Hall, and members are being invited to exhibit specimens of their work at the Stand. An excellent position has been secured, which will be far superior to the wall space hitherto occupied by the Federation at the White City.

The fact that buyers for all industries and from practically all parts of the world are expected to visit the Fair in its new home, presents a great opportunity to printers when it is realised that exhibitors are reliant to a great extent on printed matter to advertise their goods, and develop their businesses.

The Federation stand will provide wall-space in units 7 ft. wide by 8 ft. 6 ins. in height. These can also be taken in half and quarter units, and in addition there will be floor space for exhibits in show cases or on tables. All inquiries should be made to the Federation headquarters, 7-10, Old Bailey, E.C.4.

Foreign Advertising Styles

Exhibition of Printing

Of great interest to all who have to do with the production of printed publicity matter—artists, copy-writers, typographers, printers, advertisers, and others—was the Exhibition of International Advertising Material held from January 1st to January 7th at the galleries of the Royal Society of British Artists. Here was gathered, under conditions conducive to convenient scrutiny, a remarkable collection of foreign printed matter representing some of the best work of about a score of countries. For the enterprise that provided this instructive and stimulating exhibition, the trade is indebted to *Advertising Display*, the monthly review.

The task of opening the exhibition fell appropriately to London's printer Lord Mayor. In doing so, Sir William Waterlow pointed out that the exhibition was not propaganda for foreign material; its sole aim was to instruct. British printers and printing, he said, stood very high in the estimation of the world, but they would be the last to claim that they had a monopoly of ideas.

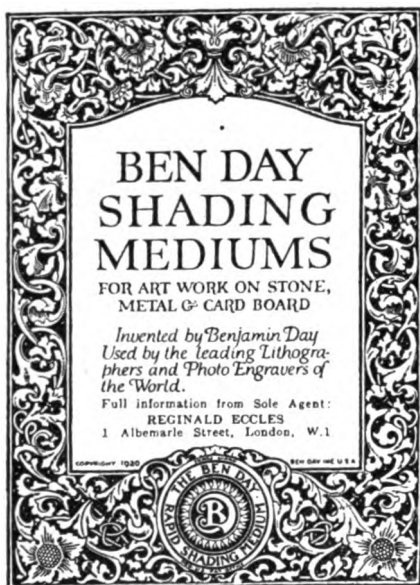
At this ceremony the Lord Mayor was accompanied by the Lady Mayoress and Mr. Sheriff Bowater and Mrs. Bowater. Mr. Roy Clark, director of *Advertising*

Display, presided, and Lord Riddell proposed the vote of thanks to the Lord Mayor.

The exhibition struck one chiefly as a show of posters, a fine array of these (mixed with a few smaller examples of printing) being displayed to advantage on many walls. There was also, however, an extensive showing of other items spread upon tables—not under glass but accessible for examination. The smaller pieces were mainly booklets, brochures and folders, but included other interesting exhibits, such as novelties in the way of decorative containers and snowcards.

Amongst the posters, one was interested to find Soviet Russia to the fore with a striking collection, which included forceful and really artistic examples. The German posters were notable for rich colouring and for wide resourcefulness in the use both of various printing processes (including colour gravure and colotype) and of the modernistic styles of art. Other countries represented included France, Austria, Italy, Spain, Norway, Sweden, Denmark, Finland, Poland, Czechoslovakia, Esthonia, Greece, Argentine and the U.S.A.

An odd item of special interest to printers was a newspaper—from the Argentine—printed in multi-colour gravure. The printing processes exemplified were widely varied, ranging from plain typographic letterpress to such comparative novelties as water-colour printing and oil-paint stencilling.



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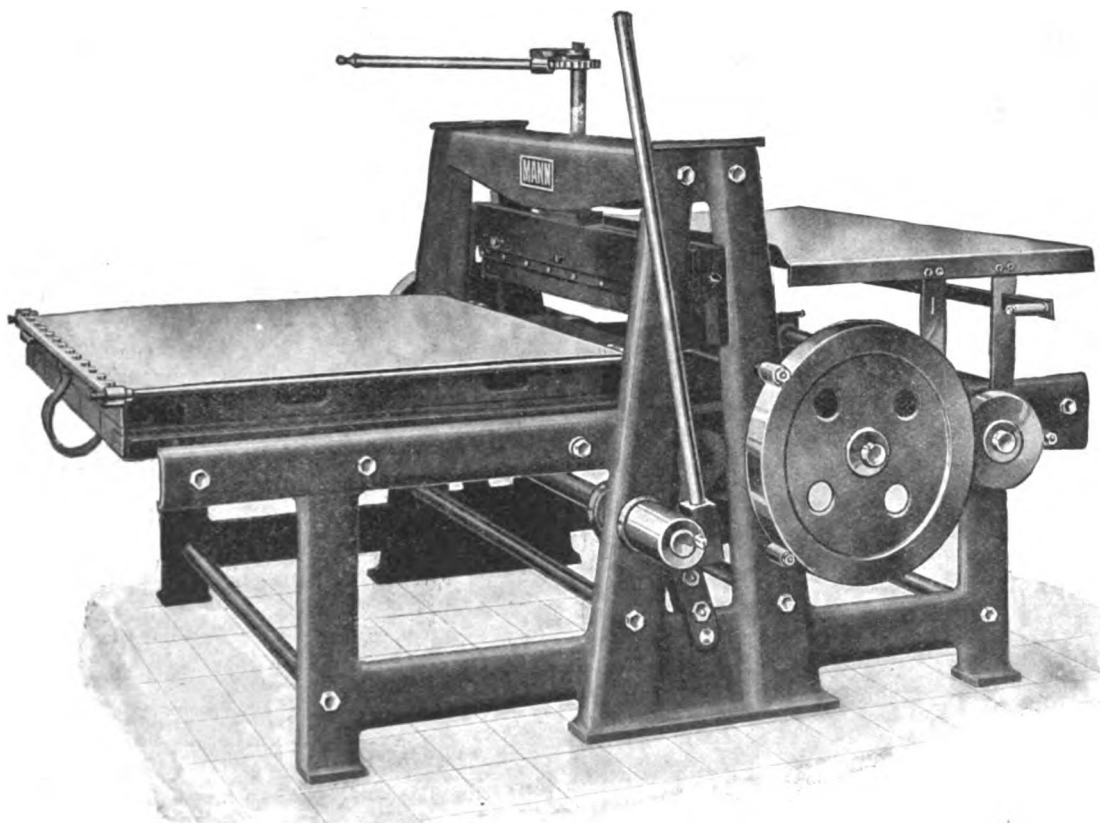
Telephone: Central 1086

Lithographic Transfer Press

The illustration that we are able to present herewith shows a lithographic transfer press which the practical lithographer will recognise as possessing features of exceptional interest.

Known as the "Broadway" Transfer Press (made by Messrs. George Mann and Co., Ltd.), it derives its

quick-acting ratchet lever operating in the screw in the headpiece. The press is set in motion by means of the long pressure lever which operates a new toggle motion, and the maximum amount of pressure between scraper and plate can be easily obtained with little effort on the part of the operator. Very little strength is now needed to pull down the pressure lever as compared with the strenuous effort required on the ordinary "longway" transfer press.



THE "BROADWAY" TRANSFER PRESS

name not from any association with New York, but from the fact that in its operation lithographic work is transferred "broadway" down to the metal plate. The work is actually transferred in the same direction as that in which the machine prints; thus the operator has some means of compensation for any stretch that may occur, whereas if transferred "longway," any stretch that took place would necessitate the laying-down of a new plate. It is claimed, too, that work can be transferred more easily and quickly "broadway" than "longway," owing to the shorter distance the bedplate travels under the scraper.

The new model "Broadway" press possesses many unique features, and is now built entirely of steel by a patented process, with well-braced side frames and strong headpiece. This patent method of construction gives a lighter, but very much stronger press, rigid under the heaviest pressure, and free from the risk of breakages which so easily occur in cast-iron presses. The pressure of the steel scraper is adjusted by the

This press is supplied complete with steel bedplate, leather-bound steel scraper, and zinc tympan; and either with fast-and-loose pulley, or with special pulley for independent motor drive.

THE late Mr. Joseph William Wright, of Beverley, printer, left £5,416 (net personalty £4,659).

THE Navajivan Press (belonging to Mr. Gandhi), by which his papers, *Young India* and *Navajivan*, are printed, have been handed over by him to a public trust, to be conducted with the object of preaching non-violence for the attainment of Swaraj, doing propaganda work for Khadder or home-made cloth, the removal of untouchability and communal dissensions. The press is valued at about £7,000 to-day. There is a special condition that no advertisements are to be accepted in the papers, books or pamphlets which will be printed in the press.

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SPECIMEN BOOKLET ON REQUEST

for TRADE LINO

Lithographic Trade Review

Notes and News

"A BAD year, and a difficult one so far as lithography is concerned"—thus a director of a prominent firm of printers describes the state of trade during 1929. There are two reasons to which may be ascribed the unsatisfactory period through which lithographic printing has just passed. The first and most important is the bad state of industry in general at the present moment, which naturally has its effect upon lithography as on all other printing. The class of work which advertisers are calling upon lithographic printers to produce is expensive, and may be described as luxury advertising more or less, although it is often very charming, and very forceful in effect; consequently, when trade is bad, business houses are inclined to dispense with such advertising and concentrate on other and less expensive forms.

In the second place, there is no doubt that Great Britain is losing much of her export trade in good-class lithographic colour work. This does not mean that demand for colour work is falling off—on the contrary, it is increasing to an enormous extent—but the Colonies are themselves now turning out much of the work which they used to rely on Great Britain to produce. Super-salesmanship will not regain this trade for Britain; there is only one remedy, and that is for firms in this country to establish their own branches abroad and produce the work on the spot, for no one will deny that the work which is being produced by British firms is equal to the best turned out by any country.

This brings us to another evil—that some of our finest craftsmen are going abroad to work for firms which are rapidly capturing the export trade of this country. And they cannot be blamed; the demand for good-class colour lithography exists in the Colonies, and the product is being turned out by the latest machinery under good conditions.

The works manager of a firm which specialises in highest-quality work, both for advertising and artistic purposes, bore out the statement that the lithographic trade of this country is in a poor way generally. "The same applies to our export trade," he said, "although, peculiarly enough, we personally have been doing a great deal of colour work for Holland. A little while ago, English firms used actually to place their work with Dutch houses, owing to the cheapness and quality of the work, but the opposite is now the case."

Regarding the most favoured process in lithography to-day, our informant expressed the view that offset printing is undoubtedly taking much work away from three-colour letterpress printing. The large outputs obtainable by this method, combined with the good results on almost any class of paper, no matter how rough, are mainly accountable for this. The chief demand of advertisers is for effective "cut-out" show-cards and novelties, produced by offset lithography. The attractive colours obtainable by this process, combined with the fact that cut-outs lend themselves to lighting effects in shop windows and show-cases, probably account for their popularity as an advertising medium.

VERY little fresh news calls to be reported in the lithographic section of the industry. Trade generally amongst lithographic printers is described as moderately good, although compared with twelve months ago an improvement is being experienced.

On the question of the amalgamation of the Lithographic Printers with the Litho. Artists, we understand that the former organisation has voted in favour of such a proceeding. At the moment no news is forthcoming with regard to the attitude of the members of the Artists on the question.

GRATIFICATION is expressed that the members of the Lithographic Printers all over the country have again voted by a large majority in favour of maintaining the unemployed levy.

THE new secretary of the International Secretariat of Lithographers (M. J. Roelofs) and his colleague (M. Lindeman) will attend as guests the dinner of the Amalgamated Society of Lithographic Printers at Manchester on Saturday, when the 50th anniversary of the organisation will be celebrated.

Issue by E. S. and A. Robinson

The first new capital issue in 1930 takes place this week, that of E. S. and A. Robinson, Ltd., the old-established Bristol company of paper bag and cardboard box makers. The firm carries on the business of lithographic and colour printing besides the manufacture of account books, stationery, etc., and it is claimed that there are over 50,000 customers on the books of the company.

The authorised capital is £2,200,000, and the issued capital £1,426,214. The present issue consists of 400,000 6 per cent. Preference shares of £1 each, which will bring the issued amount up to £648,190. The new capital is required mainly for extensions of the business. These extensions include the purchase from the New Northfleet Paper Mills, which is controlled by the Inveresk Paper Company, of a paper machine, buildings and land, and the purchase of the whole of the holding of the Inveresk Paper Company in the New Merton Board Mills, which has been hitherto controlled by Inveresk and E. S. and A. Robinson.

THIS year 14,086 books have been published in the British Isles, states the *Publishers' Circular*, against 14,399 in 1928. "More than a quarter of the year's total is accounted under the heading of fiction, which lends support to the suggestion last year that one of the tendencies revealed by the study of our tables over a number of years is the growth of a great public whose main interest in books is recreative reading."

THE J.I.C.—At the meeting of the Joint Industrial Council on Wednesday next, the second report of the Betterment Committee will be submitted, and interesting reports will also be made on behalf of the Health and Apprenticeship Committees. The Organisation Committee's report will be read concerning the arrangements being made for the holding of the Annual Convention in Bradford in July by invitation of the Bradford District Committee.

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JOHAN & WM. BURT & SONS, LTD., 156, Caledonian Rd. London, N.1 (Tel: North 3487/8) Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platea Presses.

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ROTARY WEB PRESSES

CRABTREE, R. W. & SONS, LTD., Water Lane, Leeds. and 7, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGH-SPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

ROLLER COVERINGS



MINTON, LOUIS, Trevelyan Buildings, Manchester. LITHO INKERS, DAMPERS, VARNISHING, LETTERPRESS, DIE-STAMPING, NEWSPAPER, ETC.

STEREO AND ELECTRO PLANTS

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Tel.: Hop 6604. Telegrams: Expugnator-Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

STEREO DRY FLONG

DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting.

STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W. & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. ROTOPATE (Reg. Trade Mark) and KOTOSHAVER Casting and Finishing Machines.

LIGHT & Co., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. Sole Agents for the "WINKLEK" Automatic Moulding Press, Automatic Plate Casting Machine, etc.

TINPLATE DECORATING MACHINES

CRABTREE, R. W. & SONS, LTD., Water Lane, Leeds. makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C.1. Makers of "Rapid" Tinplate Decorating Machines with Semi-Automatic Pile Feeder, Tin Varnishing, Coating and Lacquering Machines.

The P.M.A. Home at Hastings

Walthamstow Concert

A very successful concert was held on Saturday at the Tower Hotel, Walthamstow, in aid of the Walthamstow Musical Society's endowment for the Printers' Medical Aid Home at Hastings. The Rt. Hon. C. W. Bowerman, M.P., presided, and he was supported by Messrs. A. Murphy (*Sunday Times*), W. G. Quantrill (chairman), Mr. J. E. Baker (secretary, P.M.A.), and the officers of the Walthamstow Musical Society. In spite of the inclement weather, a large audience filled the hall and enjoyed a splendid programme provided by Garrett and Kennedy's Entertainers. During an interval in the programme, Mr. R. E. Hodgkins (joint secretary, Walthamstow Musical Society) explained the object for which the concert was held, and welcomed the officers of the P.M.A. to Walthamstow.

Mr. Baker, spoke in acknowledgment, and said it was his privilege and pleasure to propose a very hearty vote of thanks to the Walthamstow Musical Society and to the chairman, the Rt. Hon. C. W. Bowerman. Walthamstow had taken the lead in providing these concerts for which he felt rather proud because of his previous association with the district. The Camden Town Printer's Philanthropic Society were holding a concert on February 15th, and the B.S.C. Fund on March 1st. He expressed his great pleasure that Mr. Bowerman had been able to preside.

Mr. W. G. Quantrill seconded the vote of thanks, and urged everyone to make the Home more widely known in London.

Mr. Bowerman, in response, expressed his delight at being in Walthamstow again. He recalled the days many years ago when he had attended similar functions at the Common Gate Hotel, Markhouse Road, and expressed the hope that he would be able to make his annual visit there for at least another ten years.

With the amount subscribed and from promises received, a very substantial start has been made towards the first £100 required for the endowment. Donations for this object may still be sent to Mr. J. E. Baker, secretary, P.M.A., 30, Fleet Street, E.C.4.

Caxton Convalescent Home

Limpfield

Last Saturday afternoon a pleasing ceremony took place when the London branch of the Stone and Plate Preparers Section of the Amalgamated Society of Lithographic Printers, as one of the means of celebrating the Jubilee of the Society, presented the Home with a leather drop-end settee for use of the men patients. There were present the committee of the Section with its chairman, Mr. J. Elvery, and secretary, Mr. C. W. Sims, and Mr. Woodgate Stevens, secretary of Amalgamated Society. The Caxton Home Committee was represented by its chairman, The Rt. Hon. C. W. Bowerman, J.P., M.P.; acting secretary, Mr. W. F. France, J.P.; and Messrs. R. E. Hodgkins, J. J. Kitson, F. G. Parish and T. E. Wage, and the Master and Matron of the Home.

Mr. C. W. Sims related the facts of the inception of the gift, and asked his chairman to unveil the settee. With a few appropriate words Mr. J. Elvery performed the unveiling, his remarks supplemented by a brief

speech by Mr. Stevens. Mr. C. W. Bowerman accepted the gift on behalf of the Home. He referred to the substantial and comfortable nature of the settee, and thanked the donors for their kind thought for the welfare of the male inmates to whom it would be of great service, and prove a lasting memento of their jubilee year. The company were then entertained at tea.

Country News

BELFAST

BELFAST reports that unfortunately a big percentage of the valuable machinery in local works is not working to full capacity. Many clever craftsmen have been trained in Belfast, and master printers are naturally desirous to keep those men. Printers view with hope and sympathy the efforts that are being made to improve the linen industry.

CORK

At a recent meeting of the Cork County Committee of Agriculture, attention turned to four tenders received for the printing of the annual report of the Committee. The following were the quotations: Eagle Printing Works, 12s. 3d. per page; the Lee Press, 12s. 10d.; Shandon Printing Works, 19s.; Guy and Co., £187 for 252 pages (about 15s. per page). One member urged that the work should be given to the Lee Press, because there was only a few pence difference, and the firm had been responsible for bringing down the cost to the committee in former years by making the competition keener. They had done the work very well last year. Several members said that the committee were dealing with public money, and that as both were local firms employing local labour the work should be given to the lowest tender. The contract was then given to the Eagle Printing Works.

LEEDS

A VERY happy function was held at the Queen's Hotel, Leeds, on Thursday evening, January 2nd, when the directors of E. J. Arnold and Son, Ltd., printers, educational publishers, and school contractors, entertained to an excellent dinner some 70 of their representatives, heads of departments and senior male staff. After the usual loyal toast had been duly honoured, the toast of "The Company" was proposed by Mr. W. H. Webster, the firm's editor, who, in his remarks, took the opportunity of thanking the directors for their hospitality. Mr. E. G. Arnold and Mr. H. Wood, the directors, and Mr. E. Arnold and Mr. E. Wood, their sons, responded, and referred to the friendly and loyal feeling which existed between themselves and the staff. A number of musical and humorous selections by Mr. F. Stocks and Mr. C. Pearson added considerably to the enjoyment of the evening.

OXFORDSHIRE

MR. J. CHENEY, chairman of the Oxfordshire Master Printers Association, and Mr. Norman Vincent, hon. secretary, in co-operation with Mr. L. J. Cumner, assistant secretary of the Federation, spent three days last week in the Oxfordshire area, as a result of which three firms were brought into membership, and it is hoped that others will be secured by the following-up work of the local officers. It is intended to hold a dinner early in February, and this will be an innovation for the Oxfordshire Association.

Calendars, etc., Received

FROM Fry's Metal Foundries, Ltd., we have received a refill for that firm's useful "magnet" calendar.

MESSRS. SLATER AND PALMER, LTD., the London printing ink makers, adopt the useful idea of making the sheets of their monthly tear-off calendar exemplify six different shades of ink. A series of good half-tone reproductions of London views enhances the utility of the pages as ink specimens.

THE 1930 Calendar of Messrs. Perkins Bacon and Co., Ltd., is appropriately decorated with elaborating engraving of the "security" style, and the monthly tear-off slips are of a paper closely resembling that used for cheque books. It is backed by a very stout board, and bordered with a strip of imitation leather, the whole making a very neat and serviceable calendar.

UNIQUE, ornamental and of permanent utility is the little desk-pad sent by the Strand Engraving Co., Ltd. It has a tortoiseshell cover, and the pad is easily removable for renewals.

A REPRODUCTION of a magnificent example of animal photography adorns the 1930 calendar of Messrs. Vaus and Crampton, Ltd., process engravers of 31 and 32, Kirby Street, E.C. The blockmaking and the design and production of the calendar make it an admirable piece of work.

EMINENTLY practical for office use is the monthly tear-off calendar issued by Messrs. Page and Pratt, Ltd., the old-established London printers. The figures are large and black, with red interlinings, and a thoughtful touch is provided by putting the 30 of 1930 in bold type for the month of January—to counteract one's tendency in the new year to continue writing the last year's date by force of habit.

THE Reader Printing Co., Ltd., letterpress and lithographic printers, whose head offices are at Sanvey Gate, Leicester, send us a batch of calendars, which definitely stand out as specimens of first-class printing. A very beautiful art calendar has as its principal feature a reproduction of a water-colour seascape. The mounting of the calendar is in perfect taste, and completes a very fine production. Then there is a well-produced business calendar with large monthly tear-off pad, also a daily tear-off calendar, bearing quotations from the works of famous writers, and a well-printed memorandum calendar pad.

FROM "Printerdom," Otley, Yorks, the firm of William Walker and Sons (Otley), Ltd., send a desk diary and calendar. The latter bears an effective picture in colours showing the town of Otley (famous for the manufacture of printing machinery), picturesquely situated amid the fields and moors of Yorkshire.

THE chief feature of note about the calendar sent us by Messrs. W. S. Cowell, Ltd., printers and stationers, of Ipswich, London and Felixstowe, is an excellent reproduction of Sir Thomas Lawrence's well-known portrait entitled "Pinkie."

VERY striking and stylish is the Blackfriars Press monthly tear-off calendar, its yellow date-pad being mounted on a gold-lettered background of matt black, with bright green surround.

MESSRS. BEMROSE AND SONS, LTD., of Derby, send a reproduction of Birket Foster's noted water-colour picture "The Milkmaid." This has been executed by

the firm's well-known "Derby Print" process, and is further evidence of the wonderful results which can be achieved, and of the wide range of subjects to which the process can be applied.

A BEAUTIFUL reproduction by photo-litho-offset of an original water-colour drawing (a bowl of sweet peas) adorns the calendar of Messrs. J. Trehern and Co., Ltd. (offset specialists, London).

THE National Society of Operative Printers and Assistants gives distinction to its large hanging calendar by reproducing thereon no less than eight excellent photographs taken at the "Natsopa" Memorial Home, Wellsboro'.

RECEIPT is also acknowledged, with thanks, of calendars from: Jas. Broadley, Ltd (printers, etc., London and Accrington), Philip Stanley and Co. (typewriter dealers, London), W. H. Smith and Son, Ltd. (bookbinders, etc., London), Allen, Davies and Co., Ltd. (printers, etc., Bristol), Madan Mohan and Sons (printers' providers and paper merchants, Allahabad, India).

Letter to the Editor

PANTONE COMPANY'S LIQUIDATION

Sir,—The report of meetings recorded in your issue of December 26th, 1929, may, I think, mislead readers, and I think the following facts should be published:—

1. In Mr. Trist's letters of protest and resignation his main point was that all control had been taken from him in March, 1929.

2. Mr. Trist expected that his resignation would be promptly disclosed to the shareholders. In the belief that the shareholders might wish to meet him, Mr. Trist delayed his departure to America till late in October so as to be at the disposition of the shareholders.

3. The loan of £25,000 made by the bank to the company was made on Mr. Trist's personal guarantee of the loan.

Ronald Trist and Co., Ltd.,
56, Victoria Street,
London, S.W.1.

H. C. MOSSOP.

THE North London Master Printers' Association opens its 1930 season with a "Members' Night" on Monday next, when subjects of current interest are to be discussed. The meeting (at White House Restaurant, Stroud Green-road) begins at 7.15.

At their monthly meeting on Tuesday at St. Bride Institute, members of the Printing, Bookbinding and Kindred Trades Overseers' Association received with much regret and surprise the news of the sudden death on Sunday of Mr. A. W. Sandilands, their treasurer for a number of years.

The FISHER BOOKBINDING

Co., (1912) Ltd.

St. Ann's Works, Herne Hill, London,
S.E. 24

Managing Director
Miss G. U. Woodman



Watch for the King-fisher Talks on "The Evolution of Book-binding" in the 1st week of each month.

Commercial Review

Current Share Prices

Allied Newspapers ord. 26s. 10½d., 27s. 1½d., 8 p.c. cum. pref. 21s. 1½d., 20s. 9d.; Allied Northern Newspapers 6½ p.c. deb. 94½; Amalgamated Press ord. (10s.) 20s. 3d., 5½ p.c. deb. 92½, 93½; Anglo Foreign Newspapers (5s.) 1s. 6d., def. (1s.) 7½d., 6½d.; Associated Newspapers def. (5s.) 34s. 3d., 34s. 10½d., 5 p.c. cum. pref. 17s. 3d.; Daily Mirror Newspaper (5s.) 24s. 10½d., 24s. 7½d., 8 p.c. pref. 25s. 9d., 26s.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 103; John Dickinson 41s. 3d.; Financial Newspaper Proprietors 17s.; Financial Times 7 p.c. cum. pref. 20s.; Ilford 47s. 9d., 6 p.c. cum. pref. 20s. 6d.; Illustrated Newspapers 12s. 6d., 11s. 6d., 7 p.c. cum. pref. 13s. 6d., 14s. 3d.; International Linotype 80½; Kelly's Directories 6 p.c. cum. pref. 19s. 6d.; Lamson Paragon 10 p.c. cum. pref. 23s. 3d.; Lanston Monotype Corporation 36s. 3d.; George Newnes (10s.) 22s. 9d., 5 p.c. cum. pref., 16s. 3d.; Northcliffe Newspapers 5½ p.c. deb. 91½, 91½; Odhams Press (4s. shares) 6s. 6d., 6s. 10½d., 6 p.c. pref. 14s. 6d., 6½ p.c. deb. 98; C. A. Pearson 5½ p.c. cum. pref. 15s. 6d.; Sunday Pictorial Newspapers 63s. 9d., 63s. 1½d., 8 p.c. cum. pref. 23s. 3d., 22s. 10½d.; Raphael Tuck 21s. 3d.; United Newspapers 7½ p.c. cum. pref. 13s. 9d., 15s.; Waterlow and Sons defd. 38s. 9d., pref. 21s., 4 p.c. pref. (cum.) 14s. 3d., 13s. 9d.; Weldon's pref. ord. (10 p.c. cum.) 14s., 6 p.c. cum. pref. 11s. 9d.; Winterbottom Book Cloth 75s.; Wyman and Sons 51s. 3d., 7 p.c. cum. pref. 21s.

New Companies

WILES AND SON, LTD.—Capital £7,000, in £1 shares; printers, publishers, etc. Private company. Directors: W. G. Wiles, Miss F. M. Wiles, and C. A. Newman.

R. T. FRISBY AND CO., LTD.—Capital £3,000, in £1 shares; to acquire the business of printers now carried on by E. R. Frisby and P. Meadwell, as the personal representatives of the late R. T. Frisby at Melton Mowbray, Leicestershire, as "R. T. Frisby and Co." Private company. Directors: E. R. Frisby, Mrs. Kathleen A. Cheney, and Miss Alice M. Frisby. Solicitors: Oldnam and Marsh, Melton Mowbray.

WM. HARRIS AND SONS (PRINTERS), LTD.—Capital £3,000, in £1 shares; to acquire the business of a printer, stationer and account book maker now carried on by W. Harris at Manchester as "Wm. Harris and Sons." Private company. Directors: W. Harris and H. Harris. Solicitors: Ogden Lyles and Co., 11, Blackfriars street, Manchester.

C. C. WINNINGHAM, LTD.—Capital £2,000, in £1 shares; advertising agents, designers, printers and contractors and newspaper proprietors, etc. Private company. Subscribers: E. L. Slater (director) and L. S. Warren. Solicitors: H. M. Lyell, 5, Surrey street, Strand, W.C.2.

DOWDESWELLS (STATIONERS), LTD.—Capital £1,250 in 800 preference shares of £1 each and 1,800 ordinary shares of 5s. each; to enter into a contract with R. O. Dowdeswell for the acquisition of the business of a stationer and printer carried on by him at Swan-lane, Guildford. Private company. Directors: R. O. Dowdeswell and E. E. Dowdeswell. Registered office: Swan-lane, Guildford.

ROADMAN, LTD.—Capital £1,000 in £1 shares; newspaper proprietors and general publishers, etc. Private company. Directors: E. A. Herbert and V. E. Dalby. Registered office: 32, Pocklington's walk, Leicester.

GORDON PACKAGE CO., LTD.—Capital £1,000 in £1 shares; manufacturers of, dealers in and agents for the sale of containers, cartons, boxes, packing cases, etc., showcards and tablets, advertising novelties of every kind

whether made of metal, wood, cardboard, leather fibre, or other material, and of paper. Private company. Directors: M. G. Liverman and Mrs. Beatrice B. Liverman. Registered office: 119 120, London Wall, E.C.2.

FRANK ZILLWOOD AND SONS, LTD.—Capital £500 in £1 shares; to acquire the business of sign, ticket and poster writers carried on by Frank Zillwood and Sons at St. Thomas-buildings, Evans street, Southampton. Private company. Directors: F. Zillwood, A. Zillwood and E. F. Zillwood. Registered office: St. Thomas-buildings, Evans street, Southampton.

NORMAN LUCAS AND CO., LTD.—Capital £1,000 in 950 ordinary shares of £1 each and 1,000 founders' shares of 1s. each; general merchants and traders, importers and exporters of and dealers in British, Dominion and foreign produce; wholesale, retail and manufacturing stationers, printers and publishers, advertising agents, railway, shipping and forwarding agents, etc. Private company. Directors: E. Frame, N. A. Lucas and C. F. L. Nissen.

COMPETITORS' GUARDIAN, LTD.—Capital £2,500, in £1 shares; to acquire the business of compilers, printers, publishers and distributors carried on by O. H. Mutton, O. W. R. G. Latimer and E. Musgrove at 44, High road, Kilburn, N.W.6, as the "Competitors' Guardian." Private company. Directors: E. Musgrove, O. W. R. G. Latimer and A. H. Mutton. Registered office: 44, High road, Kilburn, N.W.6.

BRITISH ISLES PUBLICITY, LTD.—Capital £100 in 5s. shares; advertisers, to acquire and create things and opportunities for the display and publication of advertisements, etc. Private company. Subscribers: C. D. Warr (director) and C. M. Bleach. Registered office: 6, Wine-street, Bristol.

N. W. AYER AND SON, LTD.—Capital £20,000, in £1 shares; general advertising business, printers, etc. Private company. Subscribers: D. G. Meldrum and T. L. Davatt. W. W. Fry, of the Ayer Building, Washington-square, Philadelphia, U.S.A., is permanent governing director and chairman. Solicitors: Parker, Garrett and Co., St. Michael's Rectory, Cornhill, E.C.3.

STANHOPE ADVERTISING SERVICE, LTD.—Capital £100, in 1s. shares; advertising specialists, consultants and agents, etc. Private company. Directors: W. Light and E. Light. Registered office: 13½, Paternoster-square, E.C.4.

TELLING, LTD.—Capital £500, in £1 shares; advertising contractors and agents, etc. Private company. Directors: C. W. Collinson and Miss E. M. Macbride. Registered office: 235, Regent street, W.1.

Mortgages and Charges.

PROVINCIAL NEWSPAPERS, LTD.—Deposit on December 10th, 1929, of deeds of properties in Barnsley, Leeds, Doncaster, Northampton, York, Harrogate, Hull, Grimsby, London, Dewsbury, Goole, Bradford, Cleethorpes, Preston, Lancaster, Blackpool, Blackburn, Workington, Burnley, Fleetwood and Southport, etc., to secure all moneys due or to become due from the company to Lloyds Bank, Ltd.

J. W. MORGAN AND SON, LTD. (printers, stationers, etc.).—Mortgage dated December 12th, 1929 to secure £5,225, charged on freehold messuage, buildings and premises in Mail Coach-yard, Kingsland road, Shoreditch. Holder: L. Tubbs, Moorgate Station Chambers, E.C.2.

HERBERT DAVIS (GRIMSBY), LTD. (printers, etc.).—De-benture dated December 17th, 1929, to secure £500, charged on the company's undertaking and property, present and future, including uncalled capital. Holder: A. J. Knott, Temple Rhydding, Welholme road, Grimsby.

EDWARDS AND SONS (OF REGENT-STREET), LTD. (stationers, printers, etc.).—Issue on December 9th of £2,000,

and on December 18th, 1929, of £1,500 debentures, parts of a series already registered.

HILL PALMER AND CO., LTD. (paper, boxes, packing materials, etc., London).—Satisfaction to the extent of £50 on November 30th, 1929, of debenture dated September 23rd (one of a series authorised September 16th and registered September 25th, 1924), securing £100.

F. J. PARSONS (KENT NEWSPAPERS), LTD.—Satisfaction in full on November 19th, 1929, of charge dated September 28th and registered October 12th, 1928, securing account.

SPICERS, LTD.—Mortgage dated December 20th, 1929, to secure £15,000, charged on 31, York-place and 33, Park-place, Leeds. Holders: London Life Association, Ltd., 81, King William-street, E.C.4.

ST. CUTHBERT'S PAPER WORKS, LTD. (Wells, Somerset).—Second debenture charged on 2,782 fully paid £1 ordinary shares in Inveresk Paper Co., Ltd., and the company's undertaking and property, present and future, including uncalled capital, dated December 11th, 1929, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd.

NEWTONIA WALLPAPERS, LTD.—Debenture and three dispositions collateral thereto, charged on the company's undertaking and property, including uncalled capital, and properties in Edinburgh and Kilmarnock, all dated December 11th, 1929, to secure all moneys due or to become due from the company to Martin's Bank, Ltd.

LAMB'S INTERNATIONAL DIRECTORIES, LTD.—Charge on 596 and 598, High-road, Leyton, and printing works in rear, dated December 3rd, 1929, to secure all moneys due or to become due from the company to the Westminster Bank, Ltd.

JOHN PETERS, LTD. (print sellers and publishers, etc., London).—Satisfaction (1) to the extent of £1,200 on October 31st, 1929, of second debentures registered July 28th, 1922, securing £1,500, and (2) in full on December 31st, 1928, of third and fourth debentures registered May 7th and 15th, 1924, securing £2,000. (Notices filed December 12th, 1929)

BOSTON BILLPOSTING CO., LTD.—Satisfaction in full on December 17th, 1929, of debenture dated August 15th, 1919, and registered September 3rd, 1919, securing £300.

BOSTON BILLPOSTING CO., LTD.—Particulars filed of £300 debentures, authorised December 3rd, 1929, charged on the company's undertaking and property, present and future, including uncalled capital (if any), the whole amount being now issued.

Receivers Appointed or Released

MEE AND WILSON, LTD. (printers, etc., Derby).—O. A. J. Ling, C.A., of 51, Wardwich, Derby, was appointed Receiver on December 18th, 1929, under powers contained in first mortgage debentures dated March 31st, 1919.

ARTHUR HENTSCHEL STUDIOS, LTD. (engravers, producers of illustrations, etc., London).—P. M. Harper, of 3, Arundel-street, W.C.2, ceased to act as receiver or manager on November 30th, 1929.

From the London Gazette

PARTNERSHIPS DISSOLVED.—W. J. Burrill and J. T. Burrill, printers, furnishers and stereotypers, electrotypers, photo engravers and trade lithographers, 21, Pudding-chare, Newcastle-upon-Tyne, under the style of Burrill and Co.; W. Ray and H. L. Littler, law stationers, law booksellers and licensed dealers in stamps, 38-42, South King-street, Manchester, under the style of Meredith Ray and Littler.

THE BANKRUPTCY ACTS, 1914 AND 1926: RECEIVING ORDER.—E. R. F. M. Hewitt, late of Byculla, 2, Marine-crescent, Herne Bay, but now 91A, Golders Green-road London, advertising agent.

Company Liquidations

Under the compulsory liquidation of the Piccadilly Magazine, Ltd., 211, Piccadilly, W., the statutory first meetings of creditors and shareholders were held on New Year's Day at Bankruptcy Buildings before Mr. H. P. Naunton, official receiver. The company was formed in December, 1927, with a capital of £500 to publish the *Piccadilly Magazine*. Various negotiations were entered into with a view to raising capital and the promotion of a public company, but in the meantime, the company, being very short of funds, arranged for a bank overdraft, which was secured by an issue of debentures and on October 25th, 1929, a receiver was appointed on behalf of the bondholders. The short period of the company's trading proved to be disastrous, copies far in excess of requirements being ordered and the trading accounts disclosed a net loss of £42,018. The accounts filed under the liquidation showed liabilities £58,400 against assets £7,430 entirely absorbed in the debentures. Mr. McGavin attributed the failure of the company to the default of various promoting companies to carry out their promises to float a public company, thus depriving the company of the necessary working capital. Mr. Gregory, a former secretary, was of opinion that the failure was brought about by mismanagement in that the company commenced the publication of the journal before any provision was made for working capital. In the opinion of the official receiver a further factor was the lavish and extravagant manner in which the company commenced business. The official receiver was left in charge of the liquidation.

RE SHAW AND JACKSON, LTD., printers and stationers, 11, Great Eastern-street, E.—Under the compulsory liquidation of this company, the report of Mr. H. P. Naunton, official receiver, has been issued to the creditors and shareholders. The accounts show unsecured debts, £5,165; preferential claims, £69; and loan and debenture bond, £1,700; a total indebtedness of £6,935; the assets are valued at £1,880 and the deficiency to contributories is established at £5,554, the issued capital being 500 ordinary shares of £1 each. The company was registered as a private company on December 7th, 1926, to carry on the business of printers and stationers. The directors were Arthur Shurek and his wife. At a meeting of directors held on March 1st, 1927, a resolution was passed that the company should purchase from Shurek for the sum of £1,700 certain plant, machinery and type, and it was further resolved that in the event of the sum not being paid by the company within a year the company should give Shurek on demand a charge on its assets to that extent. Shurek states that the plant and machinery was purchased by him, upon a valuation, from the liquidator of Arthure Press, Ltd., for the sum of £1,692. The company commenced trading on May 1st, 1927, and accounts show total purchases £7,639, and total sales £7,404, and a net loss of £769. On April 27th, 1929, a resolution was passed that a first mortgage debenture for £1,700 with interest at 10 per cent. per annum be issued to A. Shurek, which was duly executed and registered on May 4th, 1929; no cash was paid to the company in consideration therefor. On August 2nd, 1929, the petition for a compulsory winding up order was presented to the Court, the debenture was thus issued within three months of the commencement of liquidation for a past consideration, and is invalid unless it can be shown that the company was solvent immediately after the creation of the debenture. On August 29th, 1929, a resolution for a voluntary winding up was passed, and Mr. R. A. Rodgers, of Coventry House, South-place, E.C.2, was appointed liquidator. On the same day the debenture holder appointed Mr. H. Rainsbury, of 65-66, Basinghall street, E.C., receiver and manager, under powers contained in the debenture, execution having been levied on the property of the company. The receiver has accordingly been in possession of the assets since August 29th, 1929, and has been carrying on the business of the company. If the debenture is valid there is no prospect of a dividend for the unsecured creditors. The failure of the company is attributed by Shurek to the lack of working capital. He had hoped to

introduce fresh capital into the business, but failed to do so, with the result that the company was unable to meet the demands of pressing creditors. He states that practically all the claims outstanding at the date of liquidation were incurred subsequent to the creation of the debenture, and that the increase in the amount of goods purchased was not due to any desire on his part to improve the security for his debenture. Without prejudice to his rights as a debenture holder, Shurek has made the following offer for the benefit of the creditors, which will be a matter for the liquidator to consider: In consideration of the receiver for the debenture holder selling to him the company's undertaking, including all its assets, Shurek will pay to the liquidator the sum of £1,000 for distribution among the unsecured creditors, and withdraw all claims against the company, including his debenture and his unsecured claim of £250 15s. 10d. He will also undertake to pay the receiver's costs, charges and expenses and the preferential claims for wages, rent and rates. The sum of £1,000 to be provided within six months and guaranteed to the satisfaction of the Court. Mr. A. G. White, F.C.A., has been appointed to act as liquidator, with a committee of inspection.

James Truscott & Son, Ltd.

The annual dinner of Messrs. Jas. Truscott and Son, Ltd., was held at the Holborn Restaurant before Christmas, the chair being taken by Sir George Truscott, Bt.

After the toast of "The King" had been honoured, Mr. Rooke, Father of the Composing Room Chapel, and Mr. Helmore proposed "The Firm." Pleasure was expressed at Sir George's being able to take the chair, and appreciation of the manner in which the directors considered any request that was put to them.

The chairman in reply said he was grateful for the kind remarks that had been made in proposing the toast. He extended a welcome to the old servants of the House who had returned to them for the occasion, but he deeply regretted the absence of Mr. Bennett through illness and hoped that he would soon be completely restored to health.

The toast of "The Guests" was proposed by Mr. Henry D. Truscott, J.P., who heartily welcomed the visitors.

Mr. Gutteridge, in replying on behalf of the guests, mentioned that it was more than thirty years since he first received an invitation from the chairman.

An excellent concert followed, and the proceedings terminated with dancing.

TUESDAY'S exchanging, by telegraphy, of portraits and facsimile handwriting between the British Postmaster-General and the German Minister of Posts inaugurated a new era in telegraphic transmission. Newspaper production, and printing generally, must eventually be greatly influenced by putting the telegraphic transmission of photographs, drawings, etc., upon a practical commercial basis.

B.I.F. CATALOGUE.—Advance catalogues for use overseas for both the London and Birmingham sections of the British Industries Fair were issued last week—seven weeks before the opening of the fair at Olympia and Castle Bromwich on February 17th. The catalogue, contains indexes in nine languages. Copies are being issued immediately to 10,000 business men in Europe, North America, South Africa, and the eastern coast of South America, including all buyers who have notified the Department of Overseas Trade of their intention to attend the fair.

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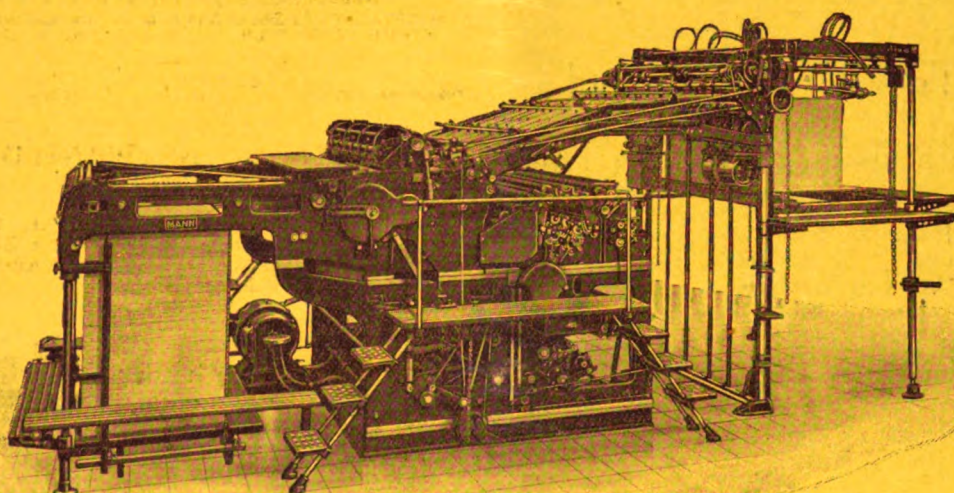


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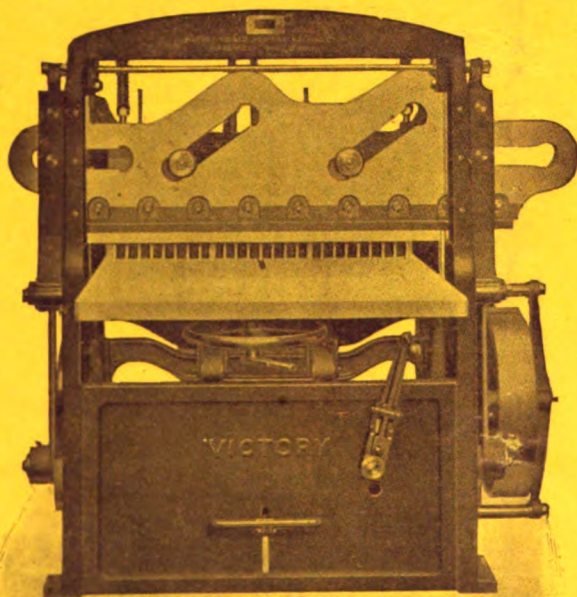
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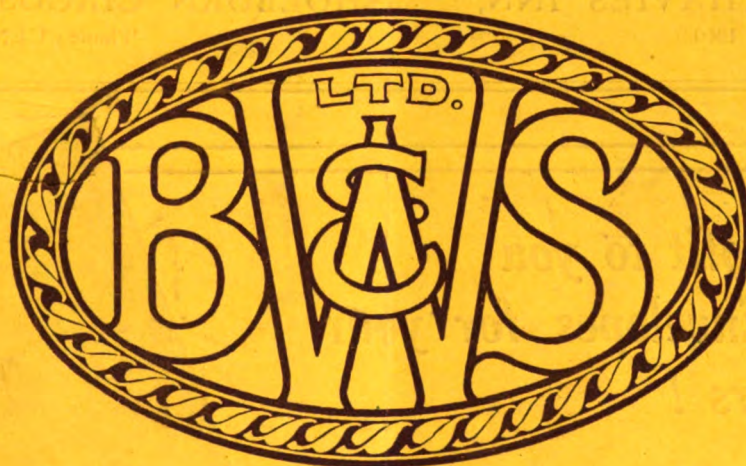
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VOLUME 106
NEW SERIES No. 64

LONDON: JANUARY 16, 1930

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VOLUME 106
NEW SERIES No. 64

LONDON : JANUARY 16, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THE first month of the new year is half spent, and printers should be in a position to judge the probable trend of trade that is to characterise the opening term. Generally it would appear that the month opened with the usual feature, a tendency due to the closing period of overtime is always tolerably certain that our trade is to put a good finish to the new-year start, and there is never any great hope that customers will get into their order-placing stride with the opening weeks of a fresh year. Now is the time when business should begin to liven up, and there are good signs in many quarters of an active interest in paper and print. There is no reason to think otherwise than that the consumption of printed matter will continue to grow, and that this year's demand will be greater than last year's. So far as advertising and publicity are concerned, it is as certain as anything can be that printers will participate in the benefits of an increased usage. We are not so sanguine about commercial stationery and printing, and when it is considered that the greater number of printing establishments have to regard this class of business as the very backbone of their trade and turnover, the prospect as a whole is not so rosy. Nor does it help the situation to observe that the very fact that commercial orders are not plentiful brings about the condition of

over-anxious competition and price-cutting. Poor demand and the cut price are in fact twin diseases, calling for a sort of surgical treatment which is more simple to devise than to apply.

THE cut-price job can be surveyed and criticised from as many angles as there are facets to a diamond, though for the sake of appropriate allusion, it may be necessary to assume the diamond to have been a thoroughly good stone in the rough, but flawed in the hands of the cutter. We may consider cut-price printing from the view-point of inefficient estimating, lack of knowledge of costs, insufficiency of descriptive data, bad management, definite policy, sheer desperation, sprat-and-mackerel strategy, and so forth; but just for our purpose we prefer to consider the relationship between cut prices and salesmanship.

We are inclined to the belief that the printing industry is least efficient on the selling side, assuming for our purpose that the salesmen or travellers represent the selling side of the business. And just as the thought strikes us it is as well to set it down, that representatives of printing houses should get the fresh conception embedded in their minds that their job is to sell printing. The common conception of printers' representatives is that they go out to get inquiries and orders. There is a world of difference between the two types of mentality. The representative who goes out after inquiries and orders is typified by the man who

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works in a rut, sets out after business without specimens of work and with nothing to show, who makes set calls in set directions according to custom, and whose ideas are as set in tracks as his routine. He asks if there is anything moving, and according to "yes" or "no" he registers a hit or a miss and takes the next call. This type of representative we have become accustomed to dubbing an order-collector; and yet, to be fair, this type of man may have a good connection, good friends in his customers, profitable business and a high level turnover which keeps steady. Oftener than not one of the older school, experienced, tactful, cool and not easy to replace.

* * *

WHEN we come to have to replace this experienced representative, of the old school, there is every prospect of losing some customers; and the printer usually faces the alternatives of giving the ground to an older experienced man, in which case there is less risk, or appointing a young aspirant, in which case there may be grave risk or good prospects. And the crux of the whole thing is that, as the selling side of the printing industry is fashioned to-day, there is greater failure than success attendant upon the appointment of outside representatives.

* * *

THE type of salesman in whose mind there is the fixed conception of salesmanship as selling print, and selling printing propositions, is best described as a man whose purpose is to create business, develop sales and break fresh ground continually. He carries specimens in his portfolio and ideas in his mind. Naturally he must have ability and enthusiasm, patience, tact and determination, and on top of these, which may in some measure be natural endowments, he becomes the ideal salesman when his knowledge of printing is sufficiently deep and broad to enable him to inspire well-informed buyers of printing with confidence.

* * *

THIS is the type of salesman we need in the printing industry, as much to sell commercial printing and business stationery as to create publicity matter and book advertising and general orders. We say this because we believe that the old type of commercial print representative is being replaced by a young school which is facing fresh conditions with inadequate equipment. The question is, what can be done to train up salesmen? For years past, all the consideration has been devoted to training in craftsmanship, costing, estimating and management, the training of apprentices, and, now, training in layout, publicity and advertising. All these subjects are fundamental to the production of printed matter. But the beginning and the end of every piece of printing is the booking of the order and the selling price of the job; and this is salesmanship, the foundation and finish of the whole business. Is not the time ripe for beginning to regard the training of salesmen as the most important problem which confronts the industry? Should there not be a set course of apprenticeship and technical study for those entering the trade with the object of becoming salesmen?

NOTICE is given that the Paper Box Trade Board (Great Britain) propose to vary the minimum rate of wages for male and female workers. The present notice, dated January 3rd, takes the place of the notice of proposal of August 20th, 1926, which has been withdrawn. Objections to the proposal to vary may be given within two months from January 3rd.

Personalia

THE PRINCE OF WALES has sent from the Kenilworth Castle a wireless message to Mr. Foster G. Robinson, president of the appeal for the Commercial Travellers' Benevolent Institution, wishing it every success. Mr. Robinson is chairman of the well-known Bristol printers, E. S. and A. Robinson, Ltd.

SIR WILLIAM WATERLOW, Lord Mayor of London, on Sunday attended in state a thanksgiving service in memory of the Huguenot refugees in London, held at the French Protestant Church, Soho Square. Sir William is of Huguenot ancestry.

MR. T. R. WALKER has been appointed manager of the Aylesbury works of Messrs. Hazell, Watson and Viney, Ltd. He has spent all his business career with the firm.

MR. J. GRIFFITHS, a director of the Cornwall Press, and Mrs. Griffiths were present at the annual dinner of the Waste Paper Merchants' Association at the Holborn Restaurant on Wednesday last week.

MR. A. E. H. MITCHELL, Mr. Fred Loveridge and Mr. Gordon Boggon have been appointed directors of Mather and Crowther, Ltd., the well-known advertising firm.

MR. C. P. SCOTT, for many years editor of the *Manchester Guardian*, is to receive the freedom of the city of Manchester.

MR. TOM. CLARKE, the managing editor of the *Daily News*, who has been seriously ill, is now making a satisfactory recovery.

MR. ERIC PARKER has been appointed editor-in-chief of the *Field*, the appointment to date from January 15th.

Costing Examination Results

In respect of the Stationers' Company and Printing Industry Technical Board Costing Examination, held on December 9th, 1929, the results are as follows:—

FIRST CLASS.

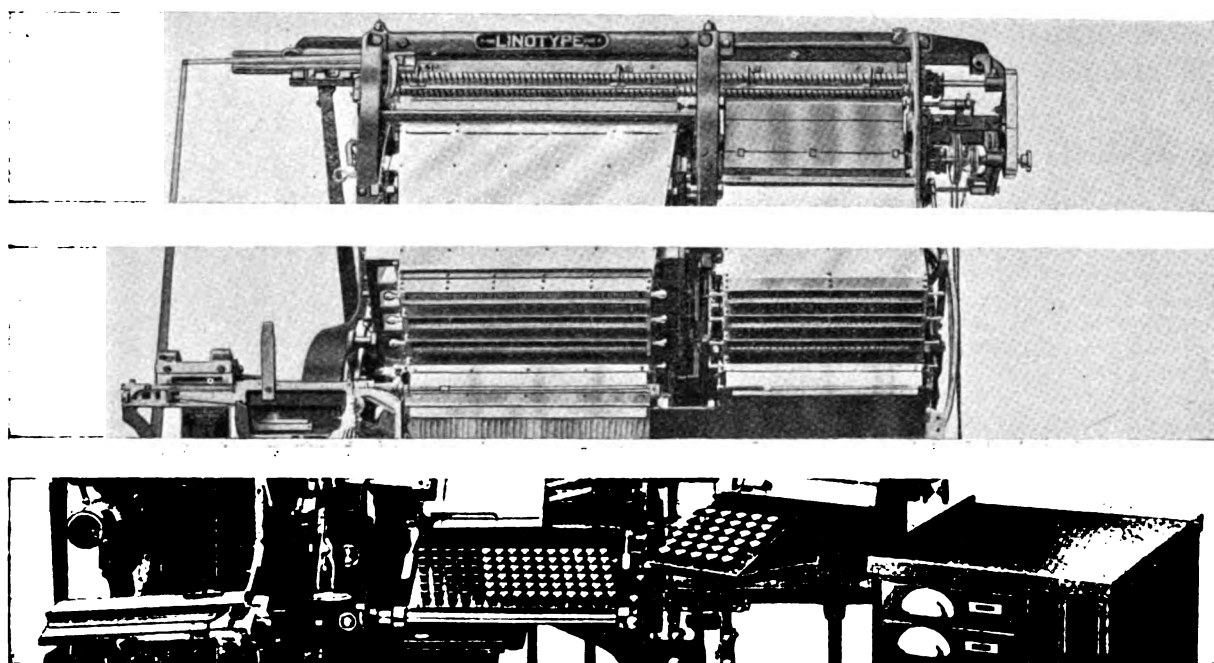
Gravestock, A. A.
Hopkins, J. H. J.
Long, O. S. (Miss).
† Quenby, A. J.
Reeve, R.
Scott, D. C.
* White, T. C.

SECOND CLASS

Bishop, R. W.
Edwards, F. W.
Ghosh, R.
Gilbert, T. M.
Gough, T. S.
Harris, H. A.
Heath, H. G.
Jennings, A. E.
Luker, C.
Mordue, L. H.
Munnings, F.
Stean, F. E.
Stewart, A. T. W.
Walker, E. M.
Westlake, G. J.
† Second Prize.

* First Prize.

The examiner, Colonel R. F. Truscott, in his report, states that his general impression of the papers is that a number of the students did not carefully read the questions, and therefore did not answer them. He goes on to say that in a number of cases he had to "dig out" the answers to the questions from a good deal of verbiage, which indicated that the students were attempting to fit some answers which they had in their minds into the particular questions.



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Lord Mayor Entertains Master Printers

Council of the Federation takes Luncheon at the Mansion House

Amid all his new honours and his manifold duties, the Lord Mayor of London (Sir William A. Waterlow) is able to think, and to think gratefully, of the printing industry and of the Federation of Master Printers, of which he was at one time president. Evidence of this, was forthcoming on Tuesday, when he invited the Council of the Federation not only to meet at the Mansion House, but also to take luncheon with him in the Egyptian Hall. There was naturally a very large gathering of members of the Council, who sat down to tables which were laden with the magnificent gold plate belonging to the City Corporation. The Lord Mayor himself presided, and was supported by Mr. William Maxwell (president of the Federation), Lord Ebbisham, G.B.E., and Sir George Wyatt Truscott. Much to everybody's regret the Lady Mayoress was unable to attend on account of indisposition, and Mr. William Maxwell, on behalf of the Council, sent up to her room a beautiful bouquet of flowers with the greetings of the Council and best wishes for her speedy recovery.

AN IMPORTANT BODY

At the conclusion of the luncheon, the Lord Mayor, in proposing the toast of "The Council of the Federation of Master Printers," first of all expressed the Lady Mayoress' regret at her enforced absence. Proceeding, he said he could not address any gathering connected with the printing trade without once again emphasising his warm thanks and sincere appreciation for what the printing and allied trades did to make the Lord Mayor's procession this year a very memorable one, their great trade having been depicted with wonderful care, accuracy and taste.

From past personal experience as their president, he could appreciate the value the Federation had been to their industry. Acting as he was as president during the early part of the Great War, he thought—although they were a much smaller body in those days and were not so influential—yet good work was done and they would have found it difficult at that time to carry on as they did had not that Federation been in being. Post-war problems, in some respects, were probably more difficult. Constant discussion had been necessary between those engaged in the various branches of their industry. The agenda of their meeting that day indicated the complexity of the problems with which they had to deal. He thought they could rightly claim that their Federation was giving a lead in many respects to other industries. He believed they were the first to advocate scientific costing as an aid to efficiency and for providing a square deal between their customers, those they employed and themselves. (Hear, hear.) Then, some ten years ago, the Federation realised the necessity of paying greater attention to selling problems. It was not sufficient to produce the best goods in the world; they had to have the best methods of selling. Probably the most important duty of a Federation such as that was in dealing with labour problems. In that respect, also, their Federation had set a good example. Dealing as they had to with over a score of trade unions, the matter was not devoid of difficulties. The opportunities for differences of opinion were very great, and yet they might look back with satisfaction to the fact that acute disputes had been few. He thought they might claim that their Joint Industrial

Council had been recognised as a model and that the trade had derived great benefit from the existence of that council. (Hear, hear.) The work done by Mr. MacLehose on the Federation of British Industries (applause) and by Col. Fletcher on the Confederation of Employers Organisations was well known (renewed applause). The Federation had shown in the past its readiness to co-operate with labour, and only by continuing along that path would it serve the best interests of their historic craft and the well-being of the State. (Applause.) The keen interest that was taken in the work of that Federation by employers in the printing trade was shown to-day by the fact that so many of them were present on that occasion. There were present roughly 140 members from all parts of the United Kingdom—Scotland, England, Ireland and Wales being represented. That Federation had been well served in the past by its presidents and he was pleased to know that there were as many as 13 of those past presidents with them that day, including the senior surviving ex-president in his friend Mr. Harry Cook (applause), and next to him in seniority came one who was beloved in the printing trade as he was in connection with the Corporation of that great City; he referred to Sir George Truscott. (Loud applause.) That day they had as president of the Federation one with a wonderful fund of energy and activity, who was doing great work for their trade. His only fear was that Mr. Maxwell would overtax his strength in all that he was doing for the Federation. Another fear was that he would make it a very difficult task for others to follow him. But there were men of energy coming forward, and he was glad to know that Mr. Bonwick was present that day and that he had been able to support Mr. Maxwell in all his numerous activities. (Applause.) He heard of others coming forward in the future, and he congratulated the Federation on having as its next vice-president Major Dudley Forman, who would in time succeed to the presidency. (Applause.)

Observing that the Federation had had a wonderful year, the Lord Mayor said he hoped to be allowed—and indeed he had arranged—to be in Edinburgh in May (applause), when Mr. Maxwell would hand over his office and when he knew the president would receive warm congratulations on the work he had carried through on behalf of the Federation. The Lord Mayor concluded by assuring his guests that it was a great pleasure to the Lady Mayoress and to himself that so many members of the Council had been able to find time to come to the Mansion House for the meeting that day, and to honour them by being present at the luncheon. He concluded by proposing the toast of "The Federation of Master Printers," coupled with the name of the president.

A MEMORABLE GATHERING

The toast having been warmly honoured, Mr. Maxwell, in reply, first of all expressed regret at the absence of the Lady Mayoress, and went on to say that during the past year the most pleasurable duty he had had was the little work he did in connection with the Lord Mayor's procession. The committee which did the work would agree with him that their task of preparing for that wonderful procession was one of the

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best things that the master printers of this country had ever had to do. Mr. Maxwell proceeded to say that that session of the Federation would be memorable in many ways. It was the best attended meeting of the Council they had ever had. (Laughter.) From every corner of the British Isles they had representatives from the 5,000 master printers in the country, which was indicative of the very great interest that was being taken in the affairs of the Federation. That day they had further evidence of the progress being made in their great printing trade in that, following South Africa, who had affiliated with the Federation, they had a message from New Zealand also affiliating themselves with the Federation. Moreover, they had connections in other parts of the world—India and the Straits Settlements—and they hoped, as a result of a cable sent to the Australian master printers at Perth at the beginning of the year that they also would join their Federation. (Applause.) Further, the Lord Mayor would be especially interested to know that following their visit to Cologne, the International Federation was now actively in being and had an office established in Berlin. There was in existence an international organisation of master printers, and he (Mr. Maxwell) felt certain that from that international co-operation great benefit was bound to flow, not only to the master printers of this country, but to the master printers of the other twenty-two countries with which they were internationally associated.

At the Council meeting they also had the very pleasant announcement—although it was somewhat pathetic also, because they thought of their old friend, the late Mr. Howard Hazell—that Mrs. Howard Hazell, knowing what her husband felt about the scholarship he created, had, from his estate, given another £1,000 to be added to the Howard Hazell Scholarship Fund, making it possible now to have a Howard Hazell scholar every year, instead of one every two years.

Mr. Maxwell went on to refer to the varied and important matters affecting the industry as a whole with which the Federation had to deal. The members of the Council, he added, would go away that day feeling more than ever the responsibilities that rested upon them. They would go forward, always keeping before them the wellbeing of their industry and imbued with the idea of ennobling their craft and always exalting it.

In a personal reference to the Lord Mayor, Mr. Maxwell spoke of Sir William Waterlow's kindness of heart and wise counsel, and expressed the hope that he might have health and strength to carry out his exalted duties. He concluded by proposing the health of the Lord Mayor.

Mr. A. J. Bonwick said that, as perhaps the only Cockney in that building, he was proud to be allowed to associate himself with the toast. That gathering, he said, would go down as one of the historic occasions connected with their Federation.

SYMPATHY will go out from many in the printing industry to Mr. F. H. Howe, of Muswell Hill, one of the victims of the gales. On Sunday, Mr. and Mrs. Howe were walking near their home when a tree fell upon them, killing Mrs. Howe and breaking Mr. Howe's leg. Mr. Howe—who is London sales manager to Messrs. R. A. Bartlett and Earl, Ltd., the printing ink manufacturers—is now lying in Hornsey Central Hospital, and we understand is making a good recovery. He will doubtless be cheered to receive communications from trade friends.

Trade Notes

MESSRS. C. H. ROGERS AND SONS, printers' engineers and valuers, etc., of Birmingham, have removed their London offices from 14, New Bridge Street, E.C.4, to 4, Blackfriars Road, where they now have a spacious showroom.

INVERESK COMMITTEE.—Mr. G. Arthur Wingfield, chairman of the Inveresk Paper Ordinary Shareholders' Committee, has issued a circular inviting support at the forthcoming annual meeting. It is stated that a consultation has been held with Mr. B. A. Binder, the new chairman of the company appointed by the banks, as a result of which Mr. Binder has stated that "he welcomes the existence of the committee."

A LETTER has been addressed by the National Association of Wholesale Stationers and Paper Merchants to the Rt. Hon. Wm. Graham, M.P., President of the Board of Trade, to dissociate the Association from a petition asking for the early abolition of the existing import duty on packing and wrapping papers.

ANGLO-FOREIGN NEWSPAPERS.—It has been decided that the first accounting period of Anglo-Foreign Newspapers, Limited, shall be closed at April 30th, 1930, and that the annual general meeting shall be convened as early in May as possible.

In order that shareholders may have earlier information, an extraordinary general meeting will be held in February, when the position at January 31st will be reviewed.

FRIDAY was the ninetieth anniversary of the penny post, Rowland Hill's great achievement. Chambers of Commerce and Trade are now impressing upon a new Chancellor of the Exchequer the desirability of re-instituting it. One body has asked that there should be an Imperial penny postage stamp as a link of Empire.

THE late Mr. Arthur Chambers, a director of the well-known Edinburgh publishing firm, who died on September 9th last, left unsettled estate £73,021.

THE PRINCE OF WALES has sent a letter of thanks to the British Poster Advertising Association for their help in advertising the British Legion Book compiled by His Royal Highness.

De-Rating Claim Succeeds

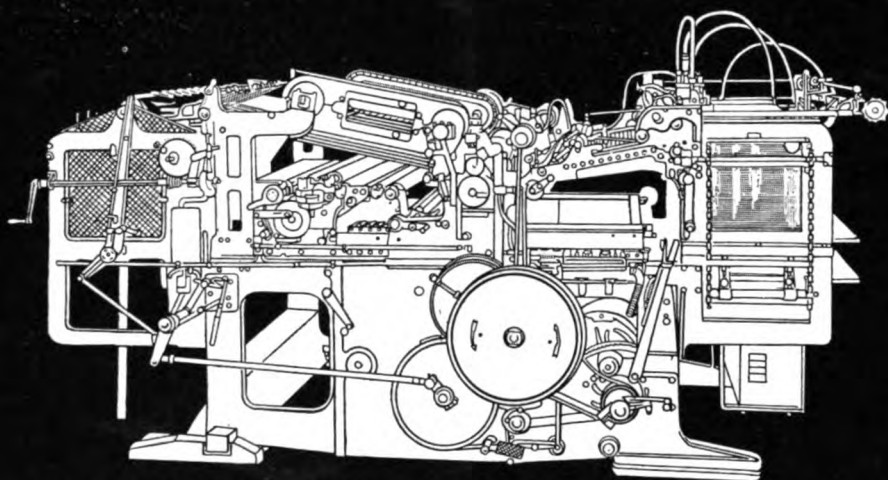
Messrs. Warden and Co., Ltd., proprietors of the *Hendon and Finchley Times* series of papers, were successful in their appeal before the Central Middlesex Assessment Committee last week against the apportionment of the assessment of £242 on their printing works and offices. The firm claimed that as the whole of the departments were essential for the production of a newspaper, the premises should be included wholly in the industrial list as de-rateable.

Mr. F. J. Collins, manager for Messrs. Warden and Co., Ltd., pointed out that wherever an appeal had gone to Quarter Sessions it had been decided in favour of the newspaper concerned; it had been decided up and down the country that the production of a newspaper was industrial.

The Rating Authority and the Revenue Officer held that the offices must be separated and treated as non-industrial, and they had assessed the property at £166 industrial and £76 non-industrial.

The Committee decided that the whole assessment should be placed in the industrial list, the figures thus being £242 net annual value and £60 rateable.

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A FAVORITE TOO

If phenomenally large sales and constantly recurring repeat orders be fair indications of popularity, then assuredly is The American Miehle Company's Vertical Press a Favorite.

By the same token, if first orders and repeat orders for The American Miehle Company's more recently developed Jobbing-Press, The Horizontal, having been so great as to tax beyond capacity the resources of one of the best equipped Printing Machine Manufactories in the world, be any criterion, then may it be said that The Horizontal is a Favorite too.

The orders placed for The Horizontal, on its first being publicly shown in America, were so unexpectedly numerous, that it is only now—more than a year and a half after the event—that The Miehle Company are able to begin to deliver to distributors machines ordered by them months ago, and to give the assurance that regular delivery within reasonable and practicable time can be relied upon.

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The Typography of Books

Mr. Stanley Morison's Views

Members of the British Typographers Guild welcomed to their monthly meeting on Tuesday evening last week Mr. Stanley Morison, who gave a masterly discourse on "The Typography of Books."

In the course of his address, Mr. Morison said: The first object of typography is utility. No typographic fiddling, even if beautiful, must ever be allowed to distract the reader from his text. Readability is the supreme consideration in book production. In composition, lines should contain between ten and twelve words, that being the number the reader's eye can conveniently seize. While endeavouring to respect this ocular limitation as far as possible, the typographer may be often confronted by certain conditions which make it impossible for him to secure a type of the right related size. In using a small type, he inserts leads between the lines to obviate the risk of doubling. This practice of leading, though denounced in certain quarters, is a necessity. The typographer, therefore, in making the best use of his material must make legitimate use of leads, which, in certain compositions, produce a happy effect, and in not a few cases their absence may ruin a composition set even in a relatively large type.

THE TITLE PAGE

The history of printing is in a large measure the history of the title page. The title when fully developed occupied a recto page either partially or wholly; and the title-phrase, or a catch-word of it, has generally been set in a conspicuous size of type. Sixteenth century Italian printers generally used large capitals, copied from inscriptions or more exceptionally, from caroline manuscripts, while English use followed the French in employing a leading line of large upper and lower-case, followed by a few lines of pica capitals. Next came the printer's device, and at the foot of the page, his name and address. The large sizes of upper and lower-case—being an inheritance from printers who were accustomed to black-letter (never set in solid capitals)—have gone. The device has also vanished, except from University Presses.

MODERN TENDENCIES

The contemporary title-page is a bleak affair; in nine cases out of ten the blank between the title and the imprint of the printer-publisher tends to be the most outstanding feature. When the device was first abandoned, the author, printer or publisher took advantage of the leisure of the reader and the blank at their disposal to draft a tediously long title, sub-title and indications of the author's qualifications, designed to fill the entire page. The present-day publisher goes to the opposite extreme, reducing the title to as few short words as possible, followed with "by," and the author's name. A professional writer may insert, for example, "Author of *The Deluge*" under his name, but three and sometimes four inches of space separate this from the first line of the imprint. Consequently, unless the title be deliberately set in a size of type out of all relation to that of the remainder of the book, this space is over-conspicuous. It is clear that a volume in 12-point does not require a 48-point title unless it be a 300-page folio in double column.

There is no reason for a title-page to bear any line in a type larger than twice the size of the text-letter. If the book be set in 12-point, the title need be no

larger than 24-point—or even slightly smaller. It should be set in spaced capitals as a rule. The author's name, like all displayed proper names, should also be in capitals. The headings to the preface, table of contents, introduction, etc., should be in the same size and fount as the chapter heads, and should be dropped if they are dropped.

Limited editions of standard authors, or of authors who desire to rank as such, are commonly given a rubricated title. Under no circumstances, however, should red appear anywhere else in the work. Hand-made paper is generally used for editions-de-luxe, and none but the brave amongst typographers will disregard the superstitious love of the book-buying classes for its untrimmed, ugly and dirt-gathering rough edges. There is another category of limited editions produced by typographers working freely, without the handicap of trade conditions. These books are rapidly increasing in number, and use a wide variety of format, type, illustration and binding.

FUTURE INDICATIONS

Because rather than in spite of mechanical methods and standardisation, printing is more various to-day than ever before. Whereas English books of whatever category of twenty years ago were printed in only three designs of type, no fewer than eight founts are employed to-day. It has been necessary that most of these are reproductions of classic old-faces, but it may well be that the near future will witness a real renaissance of type design, based upon a sensitiveness to rightly-controlled type forms, and not animated by an uninformed curiosity for the original and the bizarre.

Mr. Morison concluded by saying that his opinions were not to be considered dogmatic in any way, as they were based on his own work in the field of book production.

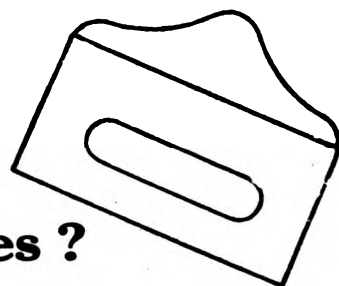
Some valuable and interesting books bearing on Mr. Morison's discourse were passed round for general edification and were much admired. In the general discussion which followed, Mr. Morison very clearly and beneficially amplified various points.

ENTITLED "Progress in the Printing Industry and the Lord Mayor's Show, 1929," a neat brochure has been issued by the Federation of Master Printers comprising a report and illustrations putting on record the part played by the printing industry in an interesting event.

TRADE WITH BUENOS AIRES.—The Department of Overseas Trade announce that Mr. H. O. Chalkley, C.B.E., the Commercial Counsellor to His Majesty's Embassy at Buenos Aires, will be available at the offices of the Department during the periods January 13th to January 17th, and February 3rd to February 7th, to interview manufacturers and merchants interested in the export of British goods to the Argentine Republic. He will also visit a number of industrial centres in the Provinces. Firms desiring interviews with Mr. Chalkley in London or information regarding his arrangements to visit provincial centres, should apply to the Comptroller-General, Department of Overseas Trade, 35, Old Queen Street, London, S.W.1, quoting the reference 5534/1/29.

Do You Know!

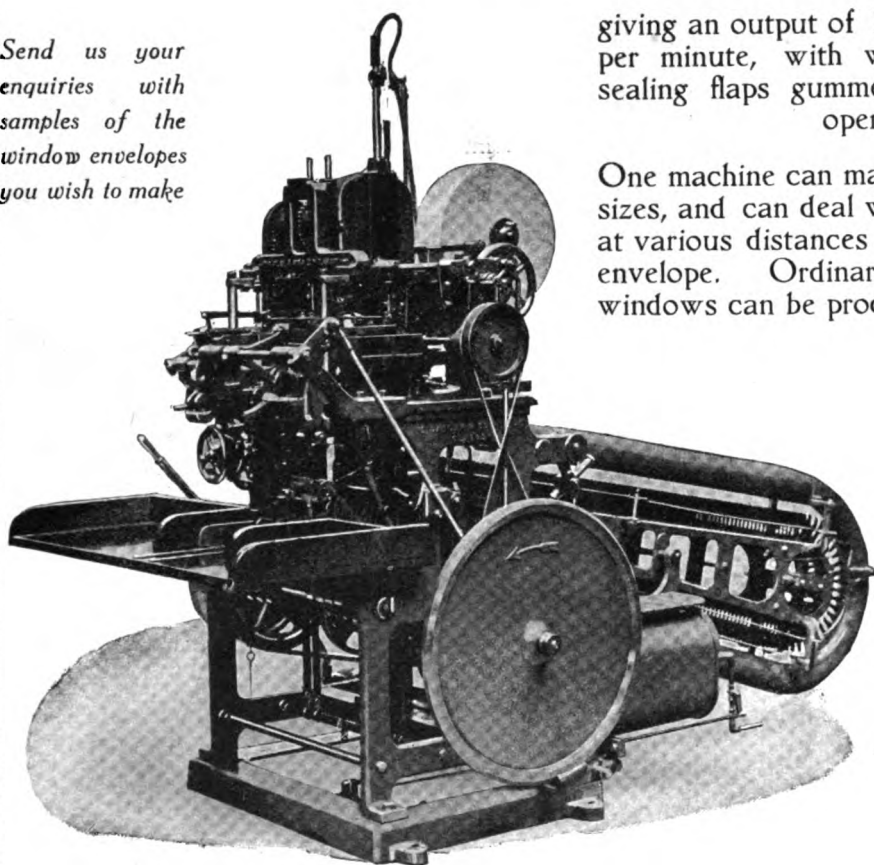
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Selling Print

Printers Discuss a Need of To-day

An atmosphere of enthusiasm prevailed at a meeting of the London Central Districts Master Printers Association on Wednesday last week, when Mr. L. J. Cumner (F.M.P. assistant secretary) spoke on salesmanship for printers.

Mr. Percy W. Ryde (president, Central Districts) presided, supported by Mr. J. Crowlesmith (deputy chairman, Hazell, Watson and Viney), Lt.-Col. B. L. Hooper, and a large audience, which included a good muster of young master printers, students of the London School of Printing.

Mr. Cumner dealt with practically every aspect of printing salesmanship, in the course of his address, emphasising the fact that although a printer should be thoroughly practical in all his methods this would avail him but little if he was unable to sell his product. Speaking of the advertising side of printing, he visualised the possibility of a generation of young people growing up who, without having served an apprenticeship to the industry would nevertheless be able to supply the compositor with intelligent copy with which he would merely have to follow instructions.

He put up a spirited defence of advertising agents, while admitting the shortcomings of individuals, and strongly advised printing students to join the advertising clubs in order to capture the atmosphere of advertising.

NEED FOR CREATIVE PRINTING

Creative printing—securing orders by working on his own initiative—was of the utmost importance to the printer, more especially the small printer, who in this matter had the active co-operation of the Federation.

It was necessary to bridge the gap between the craft spirit and training, and the modern art of selling, and if this obstacle was overcome it would not be necessary in ten years' time to ask the question: "What shall he profit who prints but cannot sell?"

DISCUSSION

The questions of price-cutting, and the securing of orders in the face of competition were dealt with in the ensuing discussion, by Mr. H. V. Wiles (South-West Association), Mr. T. D. Hawkins (headquarters staff) and Lt.-Col. Hooper. Discussion then turned on the topic of advertisements in the daily papers, some doubt being cast by speakers on their efficacy for certain classes of advertising, while others considered the prices charged somewhat exorbitant, Mr. Ryde giving a personal instance of his experience with one of the foremost London dailies. Mr. Wiles pointed out that it depended to a great extent on the commodity which it was desired to advertise. While newspaper advertising proved very efficient in some cases, in others it was better to make use of catalogues, brochures, etc.

Mr. Frank Colebrook said a movement was developing to fight against the high prices charged for newspaper advertising.

Referring to Mr. Cumner's remarks on advertising agents, Lt.-Col. Hooper said he greatly admired the work they had done in creating a demand for printing.

His own complaint against the advertising agents was that they charged the printer for the service they rendered to the customer. There was no reason why the printer should bear this cost; it should be borne by the client, who in most cases would be pleased to pay it, considering the resultant service he received. Too much emphasis could not be laid on the question of service to customers. Seventy-five per cent. of a printer's orders were based on service, and it was service that was the final factor with the customer in placing his orders.

ADVICE TO YOUNG PRINTERS

Mr. J. Crowlesmith, speaking by request of the chairman, gave some excellent advice to young master printer aspirants, both on the sales and administrative sides.

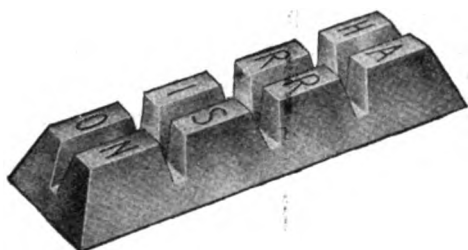
"We are spending enormous sums of money on plant in the printing industry to-day," said Mr. Crowlesmith, "and our plants, not only in London, but in the country, are more perfect than they have ever been before in the history of printing. I have seen the finest printing plants in America, Germany and France, and those of England compare most favourably with any which the world holds in any country. The plant, however, is useless unless the industry produces good salesmen. There never was a time when it was so difficult for the trade to get men who can be relied upon to go out, and face the music of competition, and secure orders in spite of this. I have viewed with profound satisfaction the printing salesmanship classes which are being held in institutions like the London School of Printing and elsewhere."

SALES AND ADMINISTRATION

The speaker went on to say that there were two classes of men urgently needed by the printing industry to-day. In the first place there was the man who, knowing his job thoroughly, could step into the factory and be able to take entire control, and on the other hand, there was the selling side of the industry. Addressing the young men in the audience, Mr. Crowlesmith said, "If you feel the call of outdoor work, and can go out and face customers and explain why the people in the factory have made such mistakes—and that wants some doing sometimes (laughter)—if you can do that, then I say to you get ready for the opportunity when it arrives. You will have to know sufficient of the practical side of the business to meet the man who wants something and does not know what he wants; you will have to be able to construe his ideas for him, and sell him your print at a fair price. Also, remember that the man who can look to you not only as a salesman but as one who has knowledge, ability, mentality and adaptability to assist him when he is in difficulty, will send for you, and you will have the supreme joy in business of selling creative work. Remember that any fool can take an order to-morrow morning if he is prepared to sell his work at ten per cent. below the other man's price. It is not that type of salesman that the trade wants, and if that is your idea of salesmanship then give up the idea altogether, because you will never at that rate earn

E. J. HARRISON.

FOR FINEST



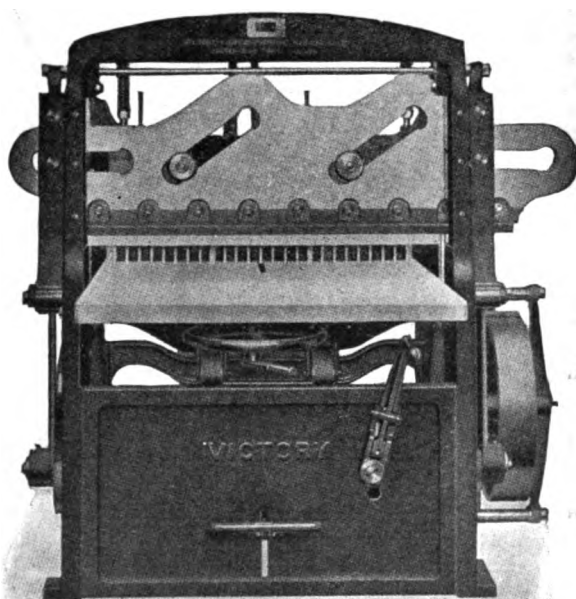
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more than a few pounds a week. It is creative salesmanship that is wanted."

Dealing with the question of the existence of large and small firms in the industry, Mr. Crowlesmith told his audience not to let that worry them. In his own view it was the large firms who secured the work, and the small firms who made the profit. (Laughter.)

"I venture to say," he said, "that there are scores of small firms in the craft to-day who are making handsome profits. There is no reason why small firms should not carry on successful and profitable businesses in spite of large firms with big plants."

Having stressed the need for technical knowledge of the craft Mr. Crowlesmith reminded his audience of the great importance of the human factor also. "You must study the human factor," he said; "and if there is one fault that I find with the Federation and with the master printers' organisations it is that they are inclined to introduce so many mechanical systems that unless they are careful we shall have the human side

of life entirely destroyed within us. You must keep yourself human, if you are going out to face men who are interested in the human side of life."

Concluding, the speaker said, "You have a national duty. The present generation of master printers is passing, and the craft remains for you to carry on. The future of the nation's prosperity depends on your success, for every trade has to come to the printing industry to help it make a profit. Therefore, the responsibility of the future of the country rests on you, and it is a great joy to some of us to know that our young men are responding to the call of the present, and looking forward to the call of the future, and I commend to you most heartily to-night the tremendous prospects which salesmanship in printing offers to young men to-day, and especially to-morrow."

Mr. Crowlesmith then proposed a vote of thanks to Mr. Cumner, complimenting him on the value and excellence of his address. Mr. Colebrook seconded, and the vote was enthusiastically accorded.

Beginnings of the British Press

The Story of the "London Gazette"

In proposing the toast of "The Press" at the recent annual staff dinner of Messrs. Bowater at the Connaught Rooms, Mr. W. R. Codling (Controller of H.M. Stationery Office), in the course of an interesting speech said: "Strictly speaking, I suppose I should not be proposing this toast at all, as I am an ex-officio editor of a publication which is registered as a newspaper. I refer, of course, to the *London Gazette*, the oldest newspaper in this country, and probably in the world. As most of you know, the *London Gazette* was born on the 14th November, 1665, not as the *London Gazette*, but as the *Oxford Gazette*. It was not until the Court moved back to London twelve weeks later that the name was changed to the *London Gazette* with the issue of the 5th February, 1666. For two and a half centuries it has appeared regularly twice a week, and I think I may claim that its long life and present vigour are due to its accuracy and literary excellence unassisted by schemes of insurance for registered readers, by crossword puzzles, by guessing competitions carrying prizes, and all the other adventitious methods adopted by more recent and possibly more prosperous newspapers. The *London Gazette* does not give away prizes of a thousand pounds to its regular readers who are successful in getting killed by motor buses—it rewards its regular readers while they are still alive by appointing them Field Marshals or creating them Peers of the Realm. (Laughter.) Of course, the numbers of Field Marshals and Peers created are quite small, but so is the number of the regular readers of the *Gazette* as you will readily see by the fact that only 1,625 copies of each issue are printed.

"The *London Gazette* had a real connection with the beginnings of British Journalism. Henry Muddiman, the son of a tradesman in the Strand, who had been educated at Cambridge, was undoubtedly one of the pioneers of English journalism with *Parliamentary Intelligence*, which first appeared in 1659 to advance the proposals of General Monck. Muddiman was the first editor of the *London Gazette*, to which post Steele, the friend of Addison, was afterwards appointed in 1707 at a salary of £60 per annum. Muddiman had the sense to steer clear of controversy and to confine himself to what after all is the chief business of a journalist, the collection of news, leaving those to whom it was sent to make their comments themselves.

"These news-letters—closely written by clerks from dictation, on a single sheet the size and shape of modern foolscap, headed 'Whitehall' to show their privilege, beginning 'Sir,' and without any signature, mis-spelt, the writing cramped and crabbed to a degree, but literally crammed with Parliamentary and Court news—are easily distinguishable from the rarer productions of less successful writers. They were sent post-free twice a week, or oftener, for £5 a year, and, from the lists of correspondents at the Record Office, it is evident that no person of consequence could afford to dispense with them. A vast number of these news-letters still exist. One collection contains a complete series for 22 years, and they undoubtedly prepared the way for the official recognition of journalism at the end of the reign of Charles II. By that time the *London Gazette* had become an institution, and the news-letters written for the benefit of the leisured and wealthy classes, who wanted to know more about public affairs than the dry official summaries of proceedings contained, were allowed to circulate unfettered and uncensored. In that way began the gradual growth and power of English journalism."

BRADFORD and Harrogate are to be included in the provincial tour of the Imperial Press Conference next June.

THE annual convention of the Stationers Association of Great Britain and Ireland is to be held at Torquay next year, the dates fixed for the event being Saturday, May 31st, to Thursday, June 5th, inclusive.

13 MONTHS IN A YEAR.—There is no doubt that our calendar is a very clumsy affair, and that it would be much more convenient if the year consisted of 13 months, and each month of exactly four weeks. British firms, for internal purposes, have already tried a reformed calendar along these lines. An experiment on a larger scale is to be made in America for a year, beginning Thursday, January 2nd. The test can only be a partial one. The real success of a reformed calendar must depend on its universal adoption.—*Daily Chronicle*.

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New British Patents

APPLICATIONS

- Addressograph Co. Printing machines. 38,976.
 Addressograph Co. Printing, etc., machines. 39,348.
 Addressograph Co. Embossing machines. 39,455.
 Adrema Maschinenbauges. Address printing machine. 38,635, 39,796.
 Brehmer Folding Box Co., Ltd. Cardboard, etc., cartons. 38,484.
 Filmer, R. H. and Filmer, Ltd., R. H. Folding boxes. 38,928.
 Harbig, E., Ohlsen, H. B. Page lock for printer's formes. 39,147.
 Hartnoll, J. H. Mounting block for printing surfaces. 38,430.
 Hodge Ranger, Ltd. Slitting apparatus for printing machines. 39,321.
 Hoe and Co., Ltd., R. Printing machines. 39,511.
 Hoe and Co., Ltd., R. Inking mechanism for printing presses. 38,958.
 Jagenberg-Werke Akt.-Ges. Sheet delivery device for transversal paper-cutting machines. 39,896.
 Ritchie and Sons, Ltd., W. Boxes, writing cases, etc. 39,222.
 Rotaprint, Akt.-Ges. Offset or lithographic printing plates. 38,531.
 Senior, J. Sheets for loose-leaf books, etc. 39,408.
 Spiess, G. Automatic stop motion mechanism for sheet feeding machines. 38,528.
 Spiess, G. Sheet folding apparatus. 39,339.
 Spiess, G. Sheet feed mechanism. 39,774.
 Wade, H. (American Multigraph Co.). Printing processes. 38,638.
 Wassner, F. A. B. Cardboard, etc., cartons. 38,484.

SPECIFICATIONS PUBLISHED

1928

- Addressograph, Ltd. Printing machines. 295,404.
 Brownsey, P., Madders, G., Grimshaw, J. A., and Redfearn, H. Means for improving printers' ink. 322,873.
 Miller, O. M. Photo-mechanical printing processes, and the production of maps and diagrams thereby. 315,257.
 Royle, J. S. and Mellor, J. Liquid proof cartons. 322,742.

1929

- Bain, R. D., Nelson, J., and Lamson Paragon Supply Co., Ltd. Plong moulds for use in the production of printing or like rubber plates. 322,926.
 Brown (Manchester), Ltd., T., and Brown, T. Embossing process and apparatus for fabrics, book covers, and the like. 322,953.
 Cameo (Machinery), Ltd. Sheet delivery apparatus. 308,352; 315,692.
 Gutherlet and Co., A. Blade folding machines for the transverse folding of printed sheets. 315,210.
 Hart, H. (Duplex Printing Press Co.). Journal boxes for printing and other machines. 322,978.
 Spiess, G. Inking mechanism of platen printing presses. 311,760; 316,250.
 Tausz, A., and Stehlik, F. Printing rollers. 322,994.

COMPLETE SPECIFICATIONS OPEN TO PUBLIC INSPECTION BEFORE ACCEPTANCE

1929

- A. E. G. Fahrkartendrucker Ges. Apparatus for printing tickets. 38,980.

- Jeannin, R., Bouillon, J., and Bouillon, C. Printing processes. 37,225.
 Sacna Soc. Nationale pour la Fabrication du Sac en Papier a Grande Contenance. Paper bags. 32,457.
 Schnellpressenfabrik Frankenthal Albert and Cie Akt.-Ges. Combination of printed products. 5,105.
 Spiess, G. Sheet feed and delivery apparatus for platen printing presses. 37,751.
 Spiess, G. Method of folding sheets of paper and like material, and apparatus therefor. 38,270.
 Spiess, G. Automatic stop motion mechanism for sheet-feeding machines. 38,528.

A Co-Partnership Printery

Birmingham Printers, Ltd.

Evidence of the unqualified success of a co-partnership business is provided in the history of the Birmingham Printers, Ltd.—says the *Birmingham Gazette*. The idea of forming a co-partnership printing business was first generated in the mind of Mr. Frank H. Bruff, J.P., the present managing secretary, and in 1902 the society was formed, with a capital of £331. Business was commenced in a large house at 69, Pershore Street, the first half-year's trading amounting to £433 and the profit £72. The premises, it was soon realised, were too small and a move was made to 14, Pershore Street, where by 1908 trade for the first half-year amounted to £1,929. It becoming necessary to vacate these premises, the bold step, since amply justified, was taken of acquiring a site in Hill Street, in the centre of Birmingham and erecting their own premises. Within six years therefore the society owned and occupied their own premises, which were and are splendidly adapted for the purposes of their craft.

Steady progress was maintained until for the year 1920 the turnover reached the total of £48,970. This high figure was due somewhat to inflated post war values, but it is sufficient testimony to progress to state that the turnover last year was £33,467. The society have also purchased and now occupy fully equipped premises fronting Station Street at the rear of their Hill Street establishment.

Amongst those with whom the society has held printing contracts are the Birmingham University, the City Council, the Birmingham and Midland Institute, H.M. Stationery Office, the Great Western Railway and various hospitals and public bodies.

A standard of excellence was very early set up in the firm's productions, and they can rightly claim that there are few firms in the country who produce as pure typography.

Shareholders in the society have received an average dividend of 6½ per cent., employees have had allotted to them £6,231 as bonus on wages, and customers who are members have had £4,650 as dividend on their purchases.

The employees, originally four, now number 125. There has never been a serious accident sustained at the works, and it has not been found necessary to introduce any sort of time-check, all the employees appreciating the value of punctuality.

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S. 4. 5.

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Printers' Managers and Overseers Association's New Year Concert

In accordance with precedent, a concert introduced the 1930 proceedings of the Printers' Managers and Overseers (Parent) Association, the occasion being the January meeting held at the Old Bell, Holborn, on Tuesday of last week. Mr. A. T. Walters, the new president, occupied the chair, supported by the new vice-president (Mr. R. B. Simpson) and other officers, there being also an exceptionally large attendance of members.

The president first expressed to the members his personal good wishes for the coming year, and also read a message of greeting received from Mr. F. W. Hume, a London member of the P.M.&O.A. who recently emigrated to Australia.

The general secretary read suggestions made by Mr. C. J. Gray to the effect that the meetings should be removed from their present venue, also that the payment of subscriptions on meeting night (with consequent interference with members' presence at the meeting) should cease. Mr. Whittle intimated that the council had carefully considered these suggestions, and he proceeded to give reasons why they had decided to recommend that no change be made. The meeting approved the council's decision.

A new member was elected in the person of Mr. T. M. Field (The Hogarth Press, Hythe Road, N.W.10; composing room overseer). Mr. Field was present and received a welcome from the president and members.

PRESENTATION TO MR. FREEMAN

The next item on the agenda was a happy one, the presentation of a handsome illuminated address, in frame, and a gold-mounted fountain-pen to Mr. G. H. T. Freeman, together with a gold wrist-watch for Mrs. Freeman. The presentation was made by the president, who in very cordial terms expressed the Association's appreciation of the recipient's services on behalf of the Centenary Pension, and the good feeling of the whole of the Association's membership towards Mr. and Mrs. Freeman.

The address—signed by the president, general secretary and last two ex-presidents—bore the words: "Presented to G. H. T. Freeman as a token of respect and admiration for his zeal and untiring efforts in the formation of Pensions Nos. 3 and 4 in the Printers' Pension Corporation identified with this Association. We further desire to express our appreciation of his personal devotion to this cause at all times and his strenuous work in connection therewith, and we wish for him every blessing now and always."

Mr. Freeman suitably returned thanks for the gifts, and in doing so paid a feeling tribute to his wife.

The meeting next endorsed a recommendation by the council that Mr. J. A. B. Reed be co-opted to fill the vacancy on the council created by the election of Mr. R. B. Simpson as vice-president; also a recommendation that an honorarium be granted to Mr. A. E. Brades for assistance rendered to the financial secretary during the past year.

The concert that followed was under the arrangement and direction of Mr. W. W. Curtis, immediate past-president, and was well received. A strong feature was the singing of Mr. H. Owen, baritone; Miss Doris Taylor contributed several mezzo-soprano songs; Miss Mossy Brown sang humorous items; Mr. Arthur Sutherland provided tenor songs; and there were also songs and stories from Mr. Walter Badham, entertainer. At the piano was Mr. C. H. Smith.

A cordial vote of thanks to Mr. Curtis and the artistes was passed on the proposition of the general secretary, who reminded members that this was the thirty-sixth New Year concert the Association had held. Mr. R. H. Berry seconded the proposition; and Mr. E. H. Berryman, who supported, recalled the Association's first concert which he had attended thirty-six years ago. Mr. Curtis having responded, all joined hands for "Auld Lang Syne," and a happy evening closed with the National Anthem.

Bookbinders' Overseers' Meeting Officers Nominated

Many New-Year expressions of goodwill were heard at the opening meeting of the year of the Printing, Bookbinding, and Kindred Trades Overseers Association, held on Tuesday last week at the St. Bride Institute, Bride Lane, E.C.4. There was a good muster of the members. Due to the late arrival of Mr. A. E. Walters (president), the early part of the proceedings was presided over by Mr. J. A. Esler (vice-president). News of the sudden death of Mr. A. W. Sandilands, the Association's much respected treasurer, came like a bombshell, and the chairman, before asking the members to rise to their feet out of respect to their friend, paid a very warm tribute to the late Mr. Sandilands. Disappointment was felt at the unavoidable absence of Mr. Arthur Cox, who was to have addressed the meeting. His place, however, was taken, at a moment's notice, by Mr. Esler, who contrived to introduce to the meeting quite an interesting subject. The principal business of the evening was the nomination of officers for the forthcoming year, their actual election being deferred to the annual meeting next month.

Following the submission of several items of correspondence, Mr. Frederick William Hiltén (Messrs. Bentley, Smith and Co., Ltd.) made application for honorary membership of the Association. This was cordially granted, the chairman, on behalf of the Association, extending to the new member greetings and congratulations.

The meeting next proceeded to nominate officers for the coming year.

For the post of vice-president the following names were formally adopted: Messrs. A. J. Jones, Maurice Hunt, and Harry Young. Executive: Messrs. T. J. Deen, H. S. West, C. H. Mordy, P. H. Paton, and J. Fleming. For the post of treasurer the name of Mr. A. E. Walters was the only one put forward. Messrs. W. H. Hillman and A. E. Harvey were appointed auditors, whilst the general and financial secretaries were left clear for the re-appointment of respectively Messrs. Robert Bryan and W. F. Cribb.

Mr. Fleming presented the report of the Association's annual dance, which showed a balance on the right side of about £3.

Mr. Walters commented on the warm support which the members had given to the dance, and congratulated the stewards on their efforts in making the event so successful.

For his brief but entertaining talk to the members, Mr. Esler used a weighty article by Mr. Wickham Steed that appeared in the November *Review of Reviews*, entitled "England's Industrial Future." The article, which was the outcome of a visit paid by Mr. Steed to the East Kent coalfields, dealt particularly with the success that had been achieved in that area.

as a result of the enterprise shown by Mr. Richard Tilden Smith, combined with the willingness shown by the miners to co-operate in the undertaking. Mr. Esler pointed out the main thought underlying the article, and left his hearers to draw their own conclusions with regard to them.

Mr. Cribb proposed and Mr. Bryan seconded a vote of thanks to Mr. Esler, which was carried with acclamation.

THE death is announced of Mr. Hugh Griffiths (55), printer, of Llanrwst, North Wales.

THE Western Typesetting Co., Ltd. (of 55, Farringdon Street, E.C.4, and Bristol) send us a typefounders catalogue, also three specimen types.

PRINTERS LEAD IN COSTING.—Addressing the students of the Leathersellers' Technical College the other day, Sir William Waterlow said that to make a success of a business the whole cost of manufacture must be accurately ascertained. He told the students he was very interested in the question of cost-finding and cost accountancy. Commenting on this, the *Leather World* says: "Naturally so; the trade with which he is associated has, we should say, one of the most efficient systems of costing we have yet seen. Further, the Federation connected with that industry has its own costing committee, and supplies to its various members a very concise specimen system for adaptation in their own business. This is a matter which, perhaps, our own federations will take in hand one day."

BENEFITS

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Training the Box-Maker

Problems concerning the training of young box-makers were the subject of an address by Mr. J. J. Mallon, M.A., J.P. (Warden of Toynbee Hall) at Stationers' Hall last Friday, under the auspices of the Stationers' Company and Printing Industry Technical Board.

Mr. Mallon compared conditions in the box-making industry as they were before the setting-up of the Box-Making Trade Board, and as they exist to-day, and spoke of the advent of machinery in the trade, which had largely replaced hand-work, and had also had the effect of opening up new branches of the industry.

Training facilities even to-day, he said, were not all that could be desired in some factories; but a good example was being set by many leading employers who were looking after the welfare of the young employee, by stimulating intellectual tastes and by various other methods. In this connection, the work of such schools as the London School of Printing was of great value. The raising of the school age would have a great effect on industry in general in a year or so hence, when there would be great competition amongst firms to secure apprentices and beginners. At the same time, the raising of the age limit would doubtless have a good effect on children, who would thus go out into the world with a definite idea of the work they wished to take up, and there was no doubt that they would choose work which was interesting and offered good prospects.

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Death of Mr. Carl Hentschel

A Photo-Engraving Pioneer

The photo-engraving side of the printing industry loses one of its most prominent figures by the death, last Thursday, from pneumonia, of Mr. Carl Hentschel,



THE LATE MR. CARL HENTSCHEL

at the age of 66 years. He was a man of varied interests and is best known on the one hand as a photo-engraver and on the other as a friend of the theatre.

Born in Poland, he had as father Mr. August Hentschel, an American citizen of Russian origin. The latter, who had an inventive mind, became eventually interested in the application of photo-engraving for the reproduction of pictures. Having been brought to England at the

age of five, Carl Hentschel received some preliminary education at Eastbourne, and at the age of 14 began to help in his father's work, which was transferred to London. The photo-engraving experiments proving successful, a company was formed in London to take up the invention, and Carl Hentschel became working manager. In 1887 he started on his own account, and eventually became chairman and managing director when the business was incorporated as Carl Hentschel, Limited, in 1920. He invented the Hentschel colour-type process, which pioneered three-colour printing, and the important distinction can be claimed for him that he was one of the world's earliest workers with half-tone, though the claim that he made the first half-tone block would not seem to be supported by the evidence.

His interest in photo-engraving led him occasionally to write for publication. He was editor of the *Half-tone Times*, of which only one number appeared, and *Newspaper Illustrations*. He took great interest in the Process Engravers' Federation, of which he was a past president.

Civic affairs, too, claimed much of his attention. For 19 years, till 1921, Mr. Hentschel was a member of the Court of Common Council, representing the ward of Farringdon Without. Amongst other activities, he served as chairman of the Central Markets, Guildhall School of Music and the General Purposes Committees, and as president of the City of London Tradesmen's Club. He was a member of the Royal Institute of Painters in Water-Colours and the Royal Society of Arts.

In the theatrical world, Mr. Hentschel was known as joint founder over forty years ago of the Playgoers' Club, and as founder of the O.P. Club.

As a young man he was in the habit of going with J. K. Jerome and George Wingrave on week-end trips

on the Thames; their adventures were given to the world in Jerome's well-known "Three Men in a Boat."

During the War, Mr. Hentschel was secretary of the Optimists' Corps, later renamed the London Volunteer Rifles. He was "bombed" twice during his duty.

He married, in 1889, Bertha, daughter of Mr. David Posener, and leaves a son, who is a well-known bacteriologist, and two daughters.

The funeral took place on Saturday at Golders Green Crematorium. The principal mourners were: Mr. Christopher Hentschel (son), Mr. Ivor Brown (son-in-law), Mr. Arthur Hentschel (nephew), Mr. Pett-Ridge, Mr. L. Posener and Mr. S. Posener, Mr. L. Hewland (brothers-in-law), Mr. William Hayward (a director of Carl Hentschel, Ltd.), Mr. B. Harwood (representing Viscount Burnham) and Mr. J. T. Grein. The Federation of Process Engravers was represented by Messrs. A. Knighton, F. E. S. Perry, and A. E. Dent. The O.P. Club was represented by Mr. Percy Barringer, Mr. George Holland, Mr. G. B. Burgin, Mr. W. Wolf, and Mr. J. Davis Smith. Mrs. Hentschel was not present, as Mr. Hentschel had expressed the wish that no women members of his family should attend his funeral. Amongst those sending floral tributes were the Federation of Process Engravers, the O.P. Club, the Gallery First-Nighters' Club, etc.

The Late Mr. E. A. Seymour

We much regret to record the death, on Thursday last, of Mr. E. A. Seymour, senior managing director of Messrs. Page and Pratt, Ltd., the well-known London printers (who, by the way, printed the *British and Colonial Printer* when it first appeared, over fifty years ago). Mr. Seymour, who was in his 70th year, had been at business only the previous day, and the end came very suddenly from heart trouble. He had been with the firm for 49 years, for nearly 23 of which he was joint managing director, with Mr. R. R. Pratt (son of one of the founders of the firm).

The funeral took place at Golders Green Crematorium on Monday, when attendance was limited to family mourners and representatives of the firm.

Mr. Seymour was well known in the London printing trade, and very many friends mourn his loss.

MR. A. W. SANDILANDS, who died in his bath from heart failure on Sunday week, and to whose death we briefly referred in last week's issue, was buried on Saturday at Sidecup Cemetery.

MR. O. W. HARTLEY, J.P., for 50 years a prominent journalist and newspaper proprietor in the Greenwich and Deptford districts, has died at 67 years of age.

WHILE drawing his old age pension, William Titmuss (77), a retired bookbinder, of Spenser Road, Brixton, collapsed and died from heart disease.

THE death occurred on Thursday last week of Mr. Alex. McRobbie, Lynburn, Mayne Road, Elgin, a Linotype operator on the staff of the *Elgin Courier and Courier*. Mr. McRobbie, who was fifty-eight years of age, was an authority on the history of Elgin and of Morayshire, and a valued contributor to the local Press.

Two copies of the second folio edition of Shakespeare's Plays, 1632, are included in a sale which Sotheby's are holding in the middle of February.

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Allied Newspapers ord. 26s. 1½d., 26s. 3d., 8 p.c. cum. pref. 21s. 3d., 5½ p.c. 1st deb. 90; Allied Northern Newspapers 6½ p.c. deb. 95. 95½; Amalgamated Press 7 p.c. cum. pref. 10s., 5½ p.c. deb. 92½; Associated Newspapers 22s., 5 p.c. cum. pref. 16s. 3d.; Buff Book 18s. 6d., defd. 9d.; Co. ntry Life 5½ p.c. cum. pref. 15s. 3d.; Daily Mirror Newspaper 25s. 9d., 25s. 3d., 8 p.c. pref. 26s.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 103½; Thomas De La Rue 9s. 9d.; John Dickinson 40s. 9d.; Financial News 5 p.c. cum. pref. 13s. 10d.; Financial Newspaper Proprietors 17s.; Financial Times ord. 30s., 7 p.c. cum. pref. 20s. 7½d.; Illustrated London News and Sketch 5½ p.c. pref. 15s. 9d., 16s.; Illustrated Newspapers 12s. 3d. 10d., 7 p.c. cum. pref. 14s. 14s. 4½d.; Independent Newspapers 7½ p.c. pref. 20s. 6d., 21s.; International Linotype 80½; Kelly's Directories 6 p.c. cum. pref. 20s., 7½ p.c. cum. pref. 20s. 7½d.; Lamson Paragon 24s. 6d., 5½ p.c. cum. pref. 17s. 1½d., 17s. 9d., 10 p.c. cum. pref. 24s. 6d.; Linotype A deb. 69, 70; George Newnes 23s. 9d., 23s. 6d., 5 p.c. cum. pref. 15s. 9d., 7 p.c. and cum. pref. 9s. 1½d., 9s. 3d.; Northcliffe Newspapers 5½ p.c. deb. 91; Odhams Press 7s. 0½d., 6s. 9½d., 6 p.c. pref. 14s. 10½d., 7½ p.c. A pref. 10s.; C. A. Pearson 5½ p.c. cum. pref. 16s.; Sunday Pictorial Newspapers 64s. 4½d., 64s. 0½d.; Raphael Tuck 21s. 6d.; United Newspapers 7½ p.c. cum. pref. 12s. 9d. 10d.; Waterlow and Sons def. 37s. 6d.; Winterbottom Book Cloth 75s.; Wyman and Sons 51s. 6d.

New Companies

ELECTRIC (CINEMA) PRINTING CO., LTD.—Capital £15,000, in £1 shares; to acquire the business of a cinema, theatrical and commercial printer carried on by A. Sockolov at Barker-street, Strangeways, Manchester, as the "Electric Printing Company." Private company. Directors: A. Sockolov, Mrs. Y. Sockolov, F. C. Webb, C. N. Wood, B. Ranbach and J. B. Midgley. Registered office: 16A, Barker-street, Strangeways, Manchester.

NUNEATON NEWSPAPERS, LTD.—Capital £6,000, in £1 shares; to acquire the business of newspaper proprietors, publishers, advertising agents and printers lately carried on by the Nuneaton Observer, Ltd., at Observer Buildings, Bond Gate, Nuneaton, and to adopt an agreement between L. Coleman and P. E. Coleman (on behalf of the above company) of the first part, the said L. Coleman and P. E. Coleman of the second part, and A. Laban (for this company) of the third part. Private company. Directors: C. M. Hobson and W. A. Parker. Registered office: Observer Buildings, Bondgate, Nuneaton, Warwickshire.

G. E. MCGUFFEY, LTD.—Capital £1,400, in £1 shares (200 "A" and 1,200 "B"); to carry on the business of printers, lithographers, etc. Private company. Directors: G. M. McGuffey, E. McGuffey, Miss A. E. Shrive and H. McGuffey. Registered office: 72, Rochester-row, Westminster.

PRINTING INK MANUFACTURERS, LTD.—Capital £1000, in £1 shares; to acquire the business recently carried on by A. G. W. Britton and R. Britton at Shenton-street, S.E.15. Printing ink manufacturers, etc. Private company. Directors: R. T. Parker, A. G. W. Britton and R. Britton. Registered office: Imperial Works, Shenton-street, New Cross, S.E.15.

CLIFFORD MARTIN, LTD.—Capital £5,000, in £1 shares; advertising and publicity agents and contractors, stationers, printers, etc. Private company. Subscribers: E. J. Burrowe and T. G. Greenleaf. Solicitors: Herbert Smith and Co., 62, London-wall, E.C.

F. J. CLARKE, LTD.—Capital £1,000, in £1 shares; to acquire the business of a printer as formerly carried on by

F. J. Clarke at 24A, Gotham-street, Leicester. Private company. Directors: Nora Cranfield, Edith M. Saunders and F. J. Clarke.

JOHN DOHERTY, LTD.—Capital £500, in £1 shares; printers, stationers, lithographers, typefounders, advertising agents and contractors, standing and folding box and carton manufacturers, etc. Private company. Directors: R. B. Wilson and Kathleen Doherty. Registered office: 40-41, Bridewell House, Bridewell place, E.C.4.

CAXTON METAL CO., LTD.—Capital £100, in £1 shares; monotype, intertype, linotype, stereotype, autoplating and all type metal manufacturers and specialists, etc. Private company. Directors: B. Jones, E. Judge and G. L. Evans.

JOHN ROBERTSON, LTD.—Capital £300, in £1 shares; merchants and importers of paper, materials used in the manufacture of paper and articles made or partly made of paper, etc. Private company. Directors: J. Robertson, E. H. Winfield and L. G. Gooding. Registered office: 146A, Queen Victoria street, E.C.4.

HEDSFROM AND CO., LTD.—Capital £1,000, in £1 shares; brokers and general commission agents, agents for Continental papermakers and board manufacturers, importers of paper of all kinds and board, wood pulp and allied products, etc. Private company. Directors: O. Bengtson, F. Jorgenson, A. Sjöholm and G. K. Eriksson. Registered office: 69, Fleet-street, E.C.4.

Mortgages and Charges.

RIPLEY AND CO., LTD. (printers, etc., London).—Satisfaction to the extent of £500 on September 29th, 1929, of mortgage and registration charge both dated August 16th, 1927, securing £2,500.

SANDERS, PHILLIPS AND CO., LTD. (stationers, etc., London).—Satisfaction in full on March 25th, 1915, of debentures authorised February 27th and registered March 12th, 1908, securing £1,500. (Notice filed January 6th, 1930)

SANDERS, PHILLIPS AND CO., LTD.—Land registration charge on 2 and 2A, Chrissell road, Lambeth, and as collateral security thereto, a debenture, charged on the company's undertaking and other property, present and future, including uncalled capital both dated December 23rd, 1929, to secure £15,000. Holders: Legal and General Assurance Society, Ltd.

J. LOCKE AND SON (PRINTERS), LTD. (Cardiff).—Particulars filed of £350 debentures, authorised December 6th, 1929, charged on the company's undertaking and property, present and future, including uncalled capital (if any), the whole amount being now issued.

MANSSELL, HUNT, CATTY AND CO., LTD. (embossed and laced paper manufacturers, etc., Hampstead).—Particulars filed of £25,000 bonds authorised December 18th, 1929, charged on the company's undertaking and property, present and future, including uncalled capital (if any) the amount of the present issue being £20,000.

WILLIAMS, JOWETT AND CO., LTD. (box manufacturers, etc.).—Mortgage dated December 31st, 1929, to secure all moneys due or to become due to the mortgagees (Bradford Second Equitable Benefit Building Society) not exceeding £6,000, charged on the Midland Box Works, Manningham, Bradford.

Receivers Appointed or Released

A. BEDDOE AND LTD. (manufacturers of book-sewing machines, etc., London).—R. A. W. Beddoe, of 104, Evelyn-street, Deptford, S.E.8, ceased to act as receiver or manager on December 20th, 1929.

Litho. Printers' Jubilee Dinner

Large and Enthusiastic Gathering

Echoes of the eventful history of the Amalgamated Society of Lithographic Printers of Great Britain and Ireland were heard in Manchester on Saturday, when a dinner was held to celebrate the society's jubilee. There was a large and enthusiastic gathering, which included representatives of all branches of national printing and allied trades unions and the London Society of Compositors. The Federation of Master Printers was represented by Mr. J. S. Brunton (past president of the Federation).

Responding to the toast of the Amalgamated Society Mr. Thomas Sproat, the general secretary, said there was a central association in existence more than 70 years ago, but it did not represent a complete amalgamation until 1880. At that time the biggest trouble was to abolish boy labour, and the amalgamation fought until, in the early 'eighties, it secured the maximum of one apprentice to five journeymen.

Then there arose the struggle to reduce the number of working hours, which at that time was from 55 to 57 per week. The result of the encounter was a reduction in hours, and then the question of wages assumed a greater degree of importance. The speaker here paid a tribute to the work of the J.I.C. which was formed in 1919. Since 1921 the printing industry has had peace, and both sections—employers and employees—worked amicably together. The loyalty of the members of the union was shown at the end of the General Strike when it lost only twenty of their members. Mr. Sproat also referred to the magnanimity shown by the employers after the General Strike.

During the last fifty years, continued Mr. Sproat, the Society had paid out in unemployment benefit £173,161, in sick benefit £62,388, superannuation £133,109, and £104,528 in State benefit, making in all a sum approaching half-a-million pounds. At present the membership stood at 7,000. All the union's organising was performed by the members and the officials. Never had they paid an organiser to do the work. Their membership had greatly increased in recent years, and they now represented practically 100 per cent. of the industry.

PRESENTATION TO MR. SPROAT

A presentation was then made to Mr. Sproat of a handsome mahogany H.M.V. cabinet gramophone, together with a choice selection of twenty-one records in a separate cabinet. This gift was accompanied by a substantial cash presentation.

The toast of the "Manchester and Bradford" branches was proposed by Mr. Woodgate Stevens (London secretary) and responded to by the various representatives of those branches.

Mr. A. E. Holmes, secretary of the Printing and Kindred Trades Federation, said at the moment the trade was in a peaceful state, and probably no other industry had a better understanding between employers and workers. He attributed this to the efforts of the Printing and Allied Trades Joint Industrial Council.

THE Prince of Wales has granted to Messrs. Raphael Tuck and Sons, Ltd., the Royal Warrant of Appointment as fine art publishers to His Royal Highness.

THE printing premises of Messrs. Ion and Jackson, on the top floor above a shop at 135, Dale Street, Liverpool, were destroyed in a fire on Saturday night.

Trade Union Matters

L.S.C. UNEMPLOYMENT.—“ ‘December the disappointing’ fitly describes our impression of business during last month”—says the *L.T.J.* “The Christmas rush was conspicuous by its absence; or else it was much earlier than usual, and spent all its influence in the summer months. We have remarked before on the modification of those extreme fluctuations that used to cause so much dislocation of employment, and the chief comfort we derive from the comparative slackness of December last is that the set-back following upon the holiday will in consequence not be so severe. However, it was bad enough in Christmas week to run the number of unemployed members up to 600, or about 100 above the figure for the corresponding week of 1928.”

THE T.A. triennial delegate meeting will be held in Blackpool. It is a good number of years since a delegate meeting was held in Lancashire.

THE annual conference of the North-Western Group of the T.A. will be held at Kendal on May 24th. The president of the Group, Mr. W. Evans, of Liverpool, has just died. Mr. Walker, of Kendal, takes his place as president and Mr. J. E. Howarth, of Rochdale, is elected a committeeman in Mr. Walker's place.

At the recent monthly meeting of the Belfast Trades' Council, Mr. H. T. Whitley, representing the Typographical Association, raised an objection against the proposal of the City Council to instal a Gammeter Multigraph in the City Hall. He said that the Council had decided to accept offers for the machine.

Printers and a "Lottery"

In an action in the High Court on Tuesday, before Mr. Justice Horridge and a special jury, the Crown claimed by informations against the Walkergate Press, Ltd., printers, and Mr. William Bloomfield and Mr. Ernest Carlton, the directors of the company, penalties for alleged breaches of the Lotteries Act, 1823. The defendants pleaded "Not Guilty," and the company also pleaded that a limited company was not liable to penalties. It was not suggested that the defendants were running a lottery, but that they contemplated supplying the materials with which other people could run lotteries.

The jury found that there was a proposal or scheme for a lottery. His Lordship held that section 41 of the Act of 1823 was not available against a limited company, and gave judgment in the company's favour. He held that the directors were liable to penalties, and gave judgment in the actions against the directors for the Crown for £600.

OWING to pressure on our space this week, several items, including report of the meeting of the North London Master Printers Association, have unavoidably been held over till the next issue.

BRUSSELS international exhibition is postponed from 1930 to 1931.

FIFTEEN daily newspapers are written, printed and published by soldiers of the Soviet Army.

THE College of Arms has granted armorial bearings to the Times Publishing Company, Limited. This is the first occasion upon which the right to bear arms has been conferred upon a newspaper company.

THE printing firm of W. J. Cole, Sheerness, publishers of the *Sheerness Times*, has just celebrated its centenary. The proprietors of the business have only been three in number during 100 years, namely, grandfather, father, and son.

Country News

COVENTRY

THE annual dinner of the Coventry Master Printers Association will take place on January 17th, and will be attended by Mr. W. L. Bemrose (president of the Midland Alliance), Mr. A. E. Goodwin, Director of the Federation. The Association's president, Mr. W. Holmes, will preside, and the leading printers of Coventry will be present.

IPSWICH

WITH the object of forming a district committee of the Joint Industrial Council for the centres of Ipswich and Colchester, a meeting of employers and employees is to be held at Ipswich on Thursday, January 23rd. Representatives will be present from Ipswich, Colchester, and surrounding districts, and Mr. A. E. Goodwin and Mr. A. E. Holmes (joint secretaries of the J.I.C.) will give addresses on the subject of Peace in Industry.

GLASGOW

JUDGMENT has been given in Glasgow Small Debt Court in an action raised by a city firm of booksellers against a customer to recover payment of the balance of an account due for books supplied. The action substantially failed because it was admitted that certain of the books did not have the printer's name printed on the first and last pages, as required by the Newspapers Act, 1869.

GRAVESEND

AT the annual dinner of the Harmsworth Athletic Club, held at Gravesend on Saturday, Brigadier-General W. F. Mildren presided over a company of 180. "The Firm and Our Patron, Brigadier-General W. F. Mildren," was proposed by Mr. F. H. Flower (chairman of the Club), and Brigadier-General Mildren replying mentioned the fact that the dinner was the first the club had held although it had been in existence for about 25 years; he hoped it was the beginning of a successful series. He mentioned that it was proposed to enlarge the club's activities by the addition of a bowling green. During the evening Mr. A. Smith (manager, Gravesend) asked Mr. P. G. Mortimore (secretary of the committee) to accept on behalf of the Bowling Section of the club a set of woods, and later Mr. C. Baxter, ex-chairman of the club, for his excellent services in that capacity for 9½ years, was presented by Brigadier-General Mildren with an easy chair and table.

LEEDS

A MERRY party of nearly six hundred people gathered in the Leeds Town Hall on Thursday evening, January 9th, when the directors of Messrs. E. J. Arnold and Son, Ltd., Leeds, printers, entertained their staff and workpeople to a social evening. The guests were received by the directors at 6.15, and tea was served in the Crypt, which had been most tastefully and artistically decorated with spring blossoms, made in paper by junior members of the staff. After tea, Mr. J. Tinsdale, of the school contracts department, proposed, on behalf of the guests, a vote of thanks to the directors, to which Mr. E. G. Arnold and Mr. H. Wood responded. The company then adjourned to the Victoria Hall, for a fancy dress parade, dancing and whist. Supper over, the prizes for the whist, fancy dresses, etc., were presented by Mrs. E. G. Arnold, who was herself presented with a handsome bouquet by the women members of the House.

PREPAID ADVERTISEMENTS

The Minimum Charges for Three Lines, with an average of eight words to the line, for Advertisements under the headings given below are as follows (extra lines at proportionate rates):—

	Three Lines	
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Agencies	3	0
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Cheques and Post Office Orders to be crossed and made payable to STONHILL & GILLIS, Ltd., 58, Shoe Lane, London, E.C.4

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THE SECRET
OF ITS REPUTATION IS
TO BE FOUND IN EVERY TIN

Price per lb.

L'PRESS	3/6	PROCESS	4/6
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EDWARDS & CO.,
LTD.
LONDON, E.C.4

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S.E.24*Managing Director*
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fisher Talks on "The
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Retail
PricePlease switch off
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in use**NOTICE TABLETS**

WITH WORDINGS FOR EVERY PURPOSE

SIZE 10" x 4" To hang.
WASHABLE PERMANENT.
Ideal for Hotels, Hairdressers,
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LANGLEY & SONS, LTD.
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- " Thread Book Sewing Machines
- " Thread Stitchers, Etc., Etc.

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for every class of Letterpress Printing on every
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We have the largest and most up-to-date Roller
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14 CHARLES ST., HATTON GARDEN, LONDON, E.C.1

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Managing Director

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The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 65

LONDON: JANUARY 23, 1930

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Not again in 1930! Not again
the seasonal slack, the refusal of
orders that you can't profitably
handle! Let 1930 open up new
and better business through the
absolutely versatile, efficient
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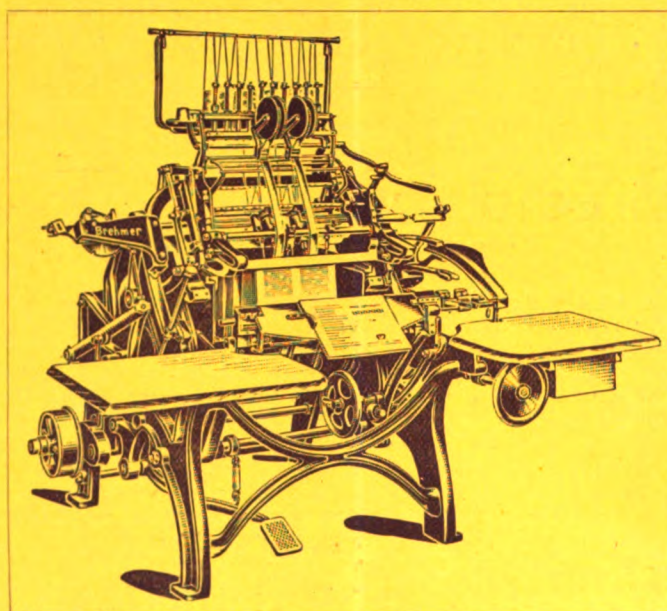
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The finest all-round Book Sewing Machine on the Market

STUDY THE POINTS BELOW



This model is built in four sizes, each sewing respectively a largest book of 18", 20", 23½" and 25" in height. Our No. 33½ sews with either Linen Thread or Cotton, through or over Tapes or Webbing, through Mull or without any backing material. It sews equally well, Letterpress, Stationery or Heavy Ledgers and Linen faced Sections can be sewn with greatest efficiency. The stitch sizes can be varied extensively and the 20" model gives a range of 1 Tape in a book 2½" up to 6 Tapes in 14", or up to 20" maximum. It will sew over Tapes or Webbing 7/16ths wide, through or over Tapes or Webbing 5/8ths or 1" wide and for very heavy Ledgers, through Webbing 1½" wide. An attachment for sewing Guard Books is usually supplied but can be omitted if desired. Straight Needles are used throughout and an attachment for forming loops of Tape between each sewn book avoids the use of wooden spacer blocks. Our No. 33½ does not use a separate Braiding Thread for securing the Tapes, these are secured by the stitches themselves. Output is according to the size of the section and can be up to 60 sections per minute. The machine is quite silent in operation.

We are willing to install this machine on open trial basis and payments can be made by arrangement, if desired.

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Telegrams : PAPYRUS FINSQUARE LONDON

Folding Machines, Wire Stitching Machines, Thread Stitching Machines, etc., etc.

The British & Colonial Printer And Stationer

FOUNDED 1878 — PUBLISHED WEEKLY

VOLUME 106
NEW SERIES No. 65

LONDON: JANUARY 23, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

WE do not hear so much of printers' libraries now as we have done in the recent past. Just how many establishments there are in which an apprentice, or for that matter an errand boy, or a journeyman, can borrow a text-book dealing with some aspect of paper and print, we do not know; we have not met many. For all that, we are steadfastly of the opinion that it would be a good thing for the present industry and its future if most houses started up a technical library on a smaller or larger scale, according to their circumstances. The fact that most, or nearly all, printing offices have yet to cultivate sufficient belief in text-books to house them for the common good, need not deter those with a desire to read them from securing many of the extant works on paper, print and kindred subjects. The principal libraries in every city have many text-books on their shelves. Technological institutes invariably cater to the needs of the mind and limbs in craft training. Londoners are lucky with St. Bride's and its Typographical Library housing a collection of books representative of every side of the printing and allied crafts. Provincials with a thirst for print knowledge must envy the craftsmen of the Metropolis who can, with little effort, slake their thirst for information on present-day practice in a score of places and then fashion their minds to an appreciation and understanding of the work of past masters by a visit to the British Museum.

* * *

If we have to say why, in face of existing opportunity,

there is a need for books in the printing office, we shall have to refer to the hard indisputable fact that the great bulk of our personnel does not read trade literature. There is not the desire to go to either the library, the museum or even the occasional exhibition of printed books. Apprentices may get infinitely better opportunities than journeymen or others of making contact with the sources from which information is available, but even among student apprentices there is no evidence of a strong general desire to learn by reading. Our belief is that if it is made easy and handy to take down a text-book or a magazine from a shelf, so many more members of the rank and file will take a book down and peruse it. In certain cases the desire to read and learn will be created or fostered, and in these

cases there are prospects of the better type of craftsman or administrative being developed. After all, if there is interest and enthusiasm, there is real hope of successful achievement; and we always take it as a positive indication of these qualifications, that a man or boy devotes part of his leisure time to the literary study of his trade, craft or profession.

* * *

BEST of all is to have a library of one's own, however small. Here the real and lasting pleasure of proprietorship is added to educational value available. We refer of course to books on trade subjects. A text-book newly bought is a book to read; afterwards it is a book for reference. For the price of a comfortable seat at the cinema, or two hours on a bil-

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liard table, a book on paper or printing can be bought. A night or two of overtime provides the wherewithal for the more permanent kind of text-book. And it is amazing how speedily a library of one's own seems to grow. Some of our own most treasured possessions are the twopenny relics picked up in early years from old book stalls. One by Jacob Tonson in the Strand, 1727, a volume of Plutarch's Lives which caught our juvenile eye because of its watermarked antique paper and beautiful type-face which are thought then and still hold to be the original Caslon face in pica roman and italic. A Greek face appears on several pages, which may be Caslon's first Greek types, but we are not sure. Here is the danger, once we start looking at or talking about the books which are one's own, there is the too enthusiastic tendency to go to lengths. Similarly with regard to an old volume of Shakespeare, a three-hundred-year old Bible by the celebrated printer, Field, and so forth.

It is not for us ordinary mortals to count incunabula in our bookcases, though we can all do the next best thing by spending sixpence here and a shilling there on exhibition or museum catalogues and booklets wherein are shown reproductions of pages from early books. Quite as good, and more concise, is the book which is compiled by the habit of cutting reproductions which appear frequently in trade journals. Even the catalogues of old books which are issued and sent gratis by booksellers like James Tregaskis, or auctioneers of the calibre of Sotheby, are treasures in the eyes of the print enthusiast whose resources are within limits.

LEST it be construed that early printing should furnish the foundations of a printer's library, we had better make a hasty return to present-day concerns. But, in passing, we will have it that the more enthusiastic and interested the lover or student of printing craftsmanship becomes, the greater will be the fascination of earlier typography. Leaving that to come in later years, the youth of to-day will find its money well invested in trade learning. The knowledge gained from books and journals will be an asset of infinite value when blended with experience. We know no better way by which judgment can be formed, taste developed, and knowledge gained than by the close and consistent study of trade literature. At the same time it needs to be thoroughly and deeply realised that there is not much room in the modern printing industry for the purely academic mind, the crammed cranium or the swelled head. The more we know, the better we should be able to estimate how little we know in relation to what remains to be learnt.

AND in the end, for those who have it in their fancy to become responsible in some high administrative post, or for those who conceive superior knowledge or higher craftsmanship, it might be observed that all the attainment of skill and acquisition of knowledge will not compensate if there is a lack in the understanding of human nature. The human element is the most important, the most influential, the most dangerous and the most helpful factor in the industry. We may know how to handle machinery, office routine, finance or system, but if we do not know how to handle the human element, we are handicapped in corresponding measure.

THE Home Counties Master Printers' Alliance is arranging a tour to printing centres in Belgium at Easter, April 17th to 22nd.

Personalia

PRINCE GEORGE will be the guest of honour at the National Advertising Benevolent Society's Festival next year.

MR. J. H. THOMAS, M.P., Lord Privy Seal, will be the principal guest at Benn Brothers' jubilee celebration dinner at the Wharnccliffe Rooms, London, on Saturday, February 1st.

SIR WILLIAM WATERLOW, Lord Mayor of London, was the guest of honour last Thursday night of the Eccentric Club, of which he was made an honorary life member.

MR. KENNETH B. REID, sales director of Messrs. Andrew Reid and Company, Ltd., printers and stationers, of Newcastle, gave an instructive address last week to business men upon "Points on Printing that the Business Man Should Know."

MR. W. A. J. FOSTER (president) will preside at the annual dinner of the National Association of Wholesale Stationers and Paper Merchants, to be held at the Trocadero Restaurant, Piccadilly, on Thursday, February 20th.

MR. H. D. HENDERSON, editor of the *Nation*, has resigned, and is succeeded by Mr. Harold Wright.

MR. T. C. BENCH, the well-known advertising consultant, has become a director of Transparent Printing Limited.

MISS GRACIE FIELDS will present the prizes at a ball in aid of the Widows and Orphans Fund of the National Union of Journalists, at the Alexandra Palace Ballroom on Friday, February 7th.

MR. LAURANCE B. SIEGFRIED, well known to the printing trade of the United States, has been appointed editor of the *American Printer*, in succession to Mr. Edmund G. Gress, recently resigned.

Printing Students' Successes

The Technological Department of the City and Guilds of London Institute has issued its report on the work of the department for the session 1928-9. In the printing and allied group of trades the names of the winners of the awards, and the various institutions are as follows:—

Dublin—City of Dublin Municipal Technical Schools.—James Joseph Costello, Typography (Compositors' Work). 1st Prize, Grade II, B.M.

Edinburgh—Heriot Watt College.—Arnold D. B. Wylie, Typography (Press and Machine Work). 1st Prize, Grade II, B.M.

London County Council Centres.—Leonard James Cotton, Photo-Engraving (including Photo-Lithography). 1st Prize, Final, S.M. Harold Joseph Waterton, Photo-Engraving (including Photo-Lithography). 1st Prize, Intermediate, B.M.

London—The Polytechnic, Regent Street.—John Frederick Adams, Typography (Press and Machine Work). 1st Prize equal, Final, S.M. Herbert George Newman, Lithography. 1st Prize, Final, S.M. Robert Charles Simpson, Typography (Press and Machine Work). 1st Prize equal, Final, S.M.

Manchester — College of Technology. — Harry Rowley, Typography (Compositors' Work). 1st Prize, Final, S.M.

THE **LM** TWO-COLOUR LETTERPRESS MACHINE

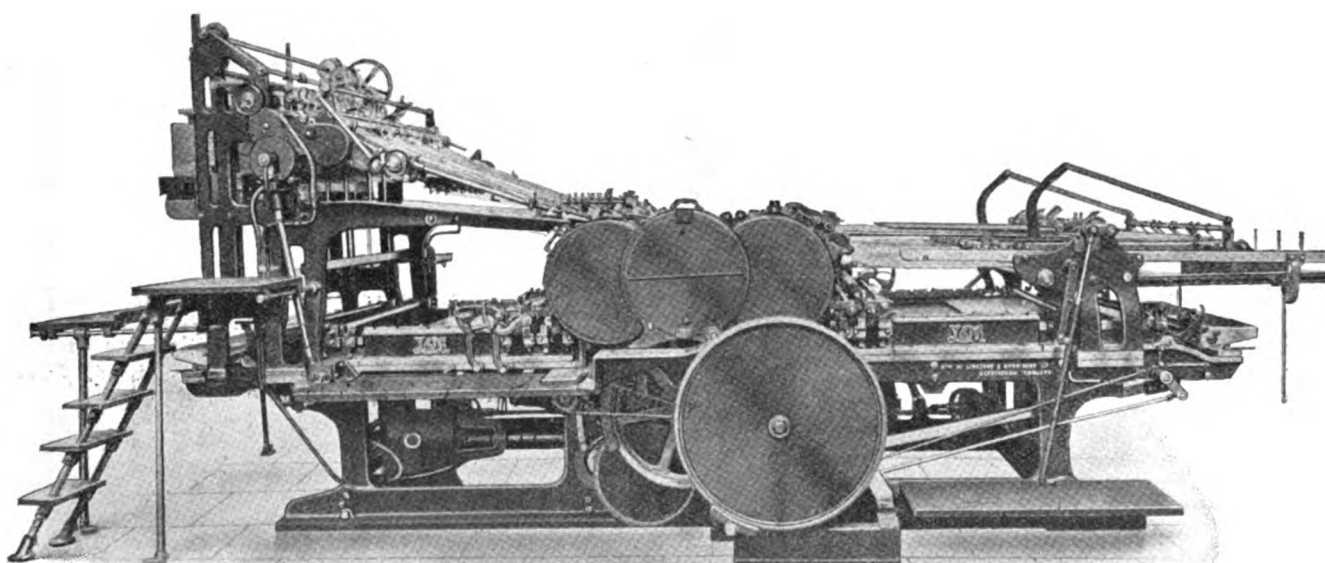
THIS complete printing unit is helping an ever-increasing band of progressive letterpress houses to extend the capacity of their press rooms and at the same time to produce finer printing at lower cost

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Improving the Printing Trade

J.I.C. Proposals

The Second Report of the Betterment Committee to the Joint Industrial Council of the Printing and Allied Trades—as adopted at last week's quarterly meeting of the J.I.C., was signed by W. C. Warren (chairman), W. Wright Bemrose (vice-chairman), Alfred J. Bonwick, A. E. Jarvis, Valentine Knapp, R. Kneale, E. H. Lee, James MacLehose, T. E. Naylor, H. M. Richardson, Thos. Sproat, H. Skinner, J. A. Stenbridge, A. H. Wilson, and A. E. Goodwin and A. E. Holmes (joint secretaries).

It reads as follows:—

Since submitting its first report to the Council in January, 1928, the Betterment Committee has held six meetings. Mr. R. A. Austen-Leigh and Mr. Geo. Harraway retired from the Committee on relinquishing their official positions on the Joint Industrial Council, their places being taken by Mr. E. H. Lee, the Chairman, and Mr. H. M. Richardson, Vice-Chairman. Mr. A. J. Bonwick took the place of the late Mr. Howard Hazell, and Mr. T. Sproat the place of Mr. T. Newland on his retirement from the Committee. All the existing members of the Committee have signed this Report.

The Committee has considered suggestions submitted by various members of the J.I.C. A statement prepared by Mr. Warren setting out the aims and objects of the Printers' Pension Corporation has been prepared and circulated.

Arising out of these statements and the subsequent discussion, the Committee submits the following additional suggestions to those enumerated in the first report with the object of improving the status of the industry and reducing the cost of printing.

PIECE WORK

Piece work is already recognised in some places for the composing and binding departments. The Committee is of opinion that where a conference can be mutually arranged the question of its extension in some sections of the industry might be considered by trade unions and the employers' organisations.

Where piece work is mutually agreed to the piece rates should be so fixed as to enable an average worker to earn, when fully employed, an agreed percentage above the minimum time rates fixed by agreement between the trade unions and the employers' organisations. The agreed piece rates should not be altered except by mutual agreement.

Where employers' organisations and trade unions agree that a bonus system may be adopted in addition to the agreed time rates the Committee suggests that:

The bonus should be either—

- (a) A departmental bonus, by which the bonus earned in the department would be pooled and paid on a basis and at periods mutually agreed upon to all workers in the department, *or*
- (b) A team bonus, when the bonus earned by the team is paid out on a basis and at periods mutually agreed upon to the workers in the team.

PROFIT SHARING

There are some employers who might be willing favourably to consider sharing their profits with their employees, if a satisfactory scheme could be arranged.

The Committee has given consideration to the question of profit sharing. The value of a scheme can be

judged only by its specific terms. Any scheme suggested by an individual employer should be considered on its merits by the employees concerned, and if approved by them should be submitted to their unions before acceptance.

There are many different ways of sharing profits with the employees, but the basis of nearly all is that after a specified fixed minimum dividend on share capital has been reserved out of the profits for the year, a fixed proportion of the balance of the profits is distributed amongst the employees. The employees' share of the profits should be in addition to, and not in substitution for, the agreed rates of wages.

In some printing businesses arrangements have been made for the employees to purchase, on advantageous terms, shares in the company by whom they are employed.

No conditions which restrict the liberty of the employees to belong to their trade union should be attached to any of the proposals in this Report.

It is recognised that there are difficulties connected with the foregoing proposals, but the Committee feels that these should be considered in the hope of finding a solution which may be of mutual advantage to all concerned.

DISPLACEMENT OF LABOUR

The Committee recognises that there have been cases of hardship owing to the displacement of labour when amalgamations of newspapers and printing houses have taken place. This difficulty is not confined to our own industry, but it is a matter of common knowledge that workers employed for many years in newspaper and printing houses have been thrown out of employment. The Committee recommends that the matter should be further considered with a view to mitigating hardship.

Proposals for still further limiting disputes, and facilitating their settlement, and for improving the organisations within the industry were considered, and in view of the great importance of the matter and complexity of the questions raised, these will receive the further close attention of the Committee.

MESSRS. BRISTOL PHOTO-ENGRAVING CO., LTD., of Bristol, send us examples of colour-printing which are of special interest as showing the different effects which the skilled process worker can achieve in reproducing a picture by variant methods. Photo-litho plates as well as process blocks are specialties of this firm, and it is instructive to note how a half-tone process reproduction compares with a photo-litho rendering of the same subject, each having charms of its own.

Those who enjoy a laugh will appreciate the picture calendar issued by Messrs. T. G. and J. Jubb, Ltd., of Hunslet, Leeds. It consists of six sheets each reproducing a humorous drawing by Lawson Wood. Messrs. Jubb also send a useful daily tear-off calendar with prominent date figures in red.

We have received from Messrs. Fry's Metal Foundries their "Fryotype" calendar—a handsome and useful production. The magnet is probably one of the most popular types of calendar in use, and in this particular instance the calendar is made unusually attractive by a blue leatherette border with gold lettering.

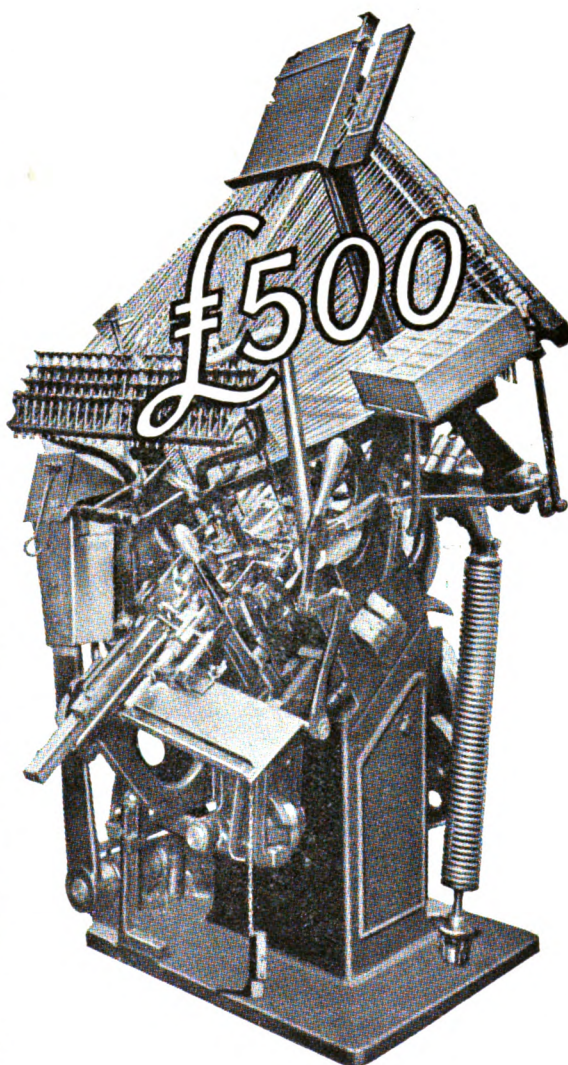
A GOOD RESOLUTION WOULD BE TO **IMPROVE YOUR METHODS** BY INSTALLING A **UNIVERSAL TYPOGRAPH**

Composing and Line Casting Machine.

You will say "I already have a large installation of expensive and elaborate Composing Machines; how do you propose to improve on that?" Well, we could develop a very excellent, sound and convincing argument along that line, but we will content ourselves by saying "How are your costs per 1,000 ens?" On that we stand or fall, because—copy for copy the Typograph is as fast as *any* other machine—the slug it casts is far superior to that cast by any other machine—the cost of production is from 40% to 60% lower than *any* other machine.

The smaller printer may say "I have a large quantity of type, and I like the look of hand-set matter. Can a machine-produced slug equal it in appearance? Our reply is "Come down to Norfolk House, sir, where you can see a Typograph working. Bring some of your own matter and see it set. Then take it back and print from it." No damaged letters, no wrong founts, no worn faces, but clean sharp beautiful type, straight from the founder.

Write, call or 'phone us as to "Improving your Method."



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"The Typograph casts the best slug in the shortest time by the simplest method."

Letters to the Editor

PAPER STANDARDISATION

Sir,—I have read with interest the leading article in your issue of January 9th in which criticism is made of the leading article in the *January Members' Circular* on paper standardisation. While all who desire progress in our trade will appreciate the continued and helpful publicity you have given to this subject in your columns we feel that the writer of your article missed the central thought of the article in the *Members' Circular*, viz.: "Achievement will come not by acceptance but by the adoption of the principles by paper maker, paper agent and printer. Little will be gained by blaming one or the other; all will be gained by the co-operative and determined action of all."

The "spirit of optimism" which the writer imputes to the Federation does not blind us to the chaos that tends to result during the change-over from the old methods to the principles of the Paper Standardisation Agreement.

If blame is to be meted out, the paper supplier should receive at least as much as the printer, and the writer's comparison of the large number of printers who are apathetic to standardisation with the large quantity of paper that is ordered on the standardisation basis strengthens our contention. For the apathetic many will buy the grade of paper they want, however it is catalogued and packed, whether in 480's, 500's, 504's, 516's—or 499's. If paper were obtainable normally in 500's only, the apathetic would accept it. If paper suppliers decided at once to adopt standardisation in its entirety, they would at one stroke effect a bloodless revolution.

The paper supplier has failed by not recognising this. His attitude in general has been to await a definite demand from the printer for standardisation.

Coming to the last two paragraphs of your article. Our reference was to the "paper trade press," not to the *World's Paper Trade Review*. The trade is indebted to the *World's Paper Trade Review*, the *British and Colonial Printer* and other trade papers for their consistent support of the movement. The point was that the recognition of the value of standardisation has been reflected in the whole printing and paper trade press in recent weeks to a much greater extent than hitherto.

We regret that a case has been put up to be answered, because the whole purpose of our article was to urge us all "to cut out the cackle" and get on with the job of trying to bring about the consummation of a movement that is generally recognised as being an excellent one but that is bound to create certain difficulties until the consummation is well-nigh complete.

Our article was the preliminary to a further campaign on which the Federation of Master Printers is about to embark to get the idea across to the multitude, and the trade press will be invited to give its co-operation. We are sure we can count upon the support of your valued journal.

A. E. GOODWIN,

Director, Federation of Master Printers.
7 to 10, Old Bailey, London, E.C.4.
January 20th, 1930.

MAKE-READY IN THE MACHINE ROOM

Sir,—I was interested in Mr. John Acton's address on the above subject, reported in your issue of January 16th.

It is a pity you did not produce an illustration of a machine-minder with a wad of paste on his left hand and strips of paper in his right! This method of pre-

paring a forme, both type and illustrations, is still the rule with some men. It is even taught in our technical schools.

I hold that with the modern half-tone block there is scarcely any need for a "cut-out" at all. If you couple with this the fact that every printer can work with new type like Monotype display, then you have an ideal for producing good work with a minimum of cost.

The modern two-revolution press cannot be matched for beautiful impression. In the hands of an intelligent man the work will go through at a rapid rate without employing the methods used in the days of the old wharfedale.

RICHARD BATES.

9, 11, 13, Stockton Street,
Manchester.

WATER-COLOUR INKS

Sir,—In your issue of January 9th there is a reference to Water-Colour printing which seems to indicate that this process is only known and used in Canada and the United States of America, whereas, many British ink-makers have now water-colour inks to offer, and we, ourselves, have carried out several interesting orders by this process.

It seems that the British firms are ahead of their rivals across the Atlantic because they have made inks enabling us to print from ordinary plates. We have also found our Linograph process particularly suitable for printing in water-colour. No special equipment being required, it is apparent that the British process must be cheaper than the American, and we consider this greatly to the credit of British chemists.

For and on behalf of Langley and Sons, Ltd.,

LEONARD C. LANGLEY,
Director.

The Euston Press,

4, 6 and 8, Euston Buildings,
London, N.W.1.

[Attention was drawn in our issue of October 31st (page 420) to the prowess of a British ink-making firm in the matter of providing water-colour inks.—Ed.]

Trade Union Matters

MR. C. F. TUMBER, the new president of the Bradford Trades Council, has been a prominent member of the Typographical Association for about 36 years, and since 1914 has been the secretary of the Bradford branch.

TEA-MONEY QUESTION.—The executive council of the Typographical Association, in reply to a query from the Leicester branch concerning the payment of tea-money, have ruled that (1) if members are given notice prior to the mid-day meal they are not entitled to tea-money; (2) in the event of notice not being given prior to the mid-day meal hour and the members work through the time usually allowed for tea, they are entitled to the money and payment at the rate of time-and-a-half.

A RESOLUTION put forward by the London branch of the National Union of Printers, Bookbinders, and Paper Workers was passed by the recent meeting of the London Trades Council asking the Government to grant facilities to Major A. N. Braithwaite's Bill to legalise newspaper football competitions. A delegate of the union said that many men had been thrown out of work through the competitions being declared illegal.

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Better Salesmanship Wanted

Mr. F. W. Goodenough Addresses London Printers

The necessity for scientifically trained salesmanship in British industry to-day was one of the points stressed by Mr. Francis W. Goodenough (chairman of executive, British Commercial Gas Association) in an address on Wednesday last week at a luncheon of the London Master Printers Association.

Mr. Alfred Langley (president, L.M.P.A.) presided, supported by distinguished members of the Association and the Federation of Master Printers.

Selling, said Mr. Goodenough, was the foundation of both industry and commerce. It was no use making goods or organising services that we could not market. It was true that, up to a certain point, goods in general demand would, if of the right quality and price, "sell themselves" if made accessible to the public and the public made aware of the existence of the supply.

That was how many business houses still carried on their trade both at home and abroad. They supplied goods to orders received—not always very accurately or punctually or courteously. They had yet to learn that selling is an art and a science, and that its pursuit requires the best obtainable personnel, adequately educated and trained.

Unless we learned that lesson, and learned it pretty quickly, our position in the markets of the world would further deteriorate, and our unemployment problem would be further than ever from solution.

Mr. Goodenough stressed the fact that beginners' methods were usually, almost invariably, wrong. "The amateur has to be coached by the professional before he can acquire the skill that secures maximum effect with minimum effort," he said. "The fact is that we were the beginners in the business of selling the products of factories in the markets of the world, and very successful beginners too, with no competitors to trouble us—and the trouble is that all too many of us have not got beyond beginners' methods in marketing our goods."

There was still, he said, too much belief in the idea that "the salesman is born, not made." It was true that he had to be born with the right personality; but the best potential salesman needed education and training to make him the best possible salesman.

"There is the alternative folly of thinking that 'anybody can sell,'" said Mr. Goodenough. "If you doubt that anyone really thinks that, walk round the British Industries Fair next month and talk to the so-called salesmen that some manufacturers think fit to put in charge of their stands. Some of them are not even order-takers. They are order-scarers. They give the impression that they are bored with the whole business and regard the enquirer as a nuisance instead of giving him a warm welcome and ready information."

As in sport, so in commerce, our greatest competitor, the United States, believed in study, in practice, in concentration and in enthusiasm.

"We don't want necessarily to adopt American methods," concluded the speaker, "they are often quite wrong for British markets, though we must be careful not to forget that they may be quite right for some neutral markets in which we are competing: what we want to learn from America—and from Germany and Japan—is to take our business very seriously; to regard commerce, the essence of which is salesmanship, as a profession calling for the employ-

ment of the best of our brains and our personalities; and to educate and train for it the best material at our command in the best possible way."

Mr. Malcolm McCorquodale, proposing a vote of thanks also emphasised the need for better salesmanship. "We are definitely behind in the art of salesmanship in this country," he said, "it is a vital national necessity to-day." He added that the London Master Printers Association could congratulate itself on having secured such an exponent as Mr. Goodenough to address the members at such a time.

Mr. William Maxwell (president of the Federation of Master Printers), in seconding the vote, while admitting the necessity for salesmanship in the printing industry, as in all others, pointed out the improved quality of present-day printing, and remarked that we now had the tools for producing better printing than we had ever before produced.

Lottery Charge Dismissed

The unsatisfactory state of the law on the subject of lotteries was illustrated by a case heard at the North London Police Court on Wednesday of last week, when Mr. F. W. Pipe, of Holloway, was summoned before Mr. Basil Watson for publishing a proposal for the sale of tickets in a lottery not authorised by Act of Parliament, and Mr. W. W. Curtis, well-known printer of Holloway, whose company printed the tickets, was summoned for aiding and abetting.

Mr. Saunders, who prosecuted for the Commissioner of Police, said Mr. Pipe, who was one of the life governors of the Royal Northern Hospital, organised a "Christmas Fund" in aid of the hospital. The tickets were sold at 6d. each. There was no suggestion against the bona-fides of either defendant, but Mr. Pipe had persisted in organising it after a caution from the police. Mr. Curtis had not been cautioned.

Mr. Curtis told the police that it was true that prizes of £25 downwards were to be distributed, but he looked upon the ticket as a receipt for a donation of 6d. to the hospital. He was sorry if he had done wrong.

Mr. Cloutman (for Mr. Curtis) drew attention to the pronouncement of the Home Secretary in 1924 that there was no intention on the part of the Home Office to put a general ban on charitable lotteries.

Counsel having pointed out that a conviction would mean that these gentlemen would, under the Act, be rogues and vagabonds, the magistrate said: "They are both branded as very good fellows." He added: "There will be no conviction. The summonses will be dismissed on Mr. Pipe paying £3 3s. costs, and Mr. Curtis £2 2s. costs."

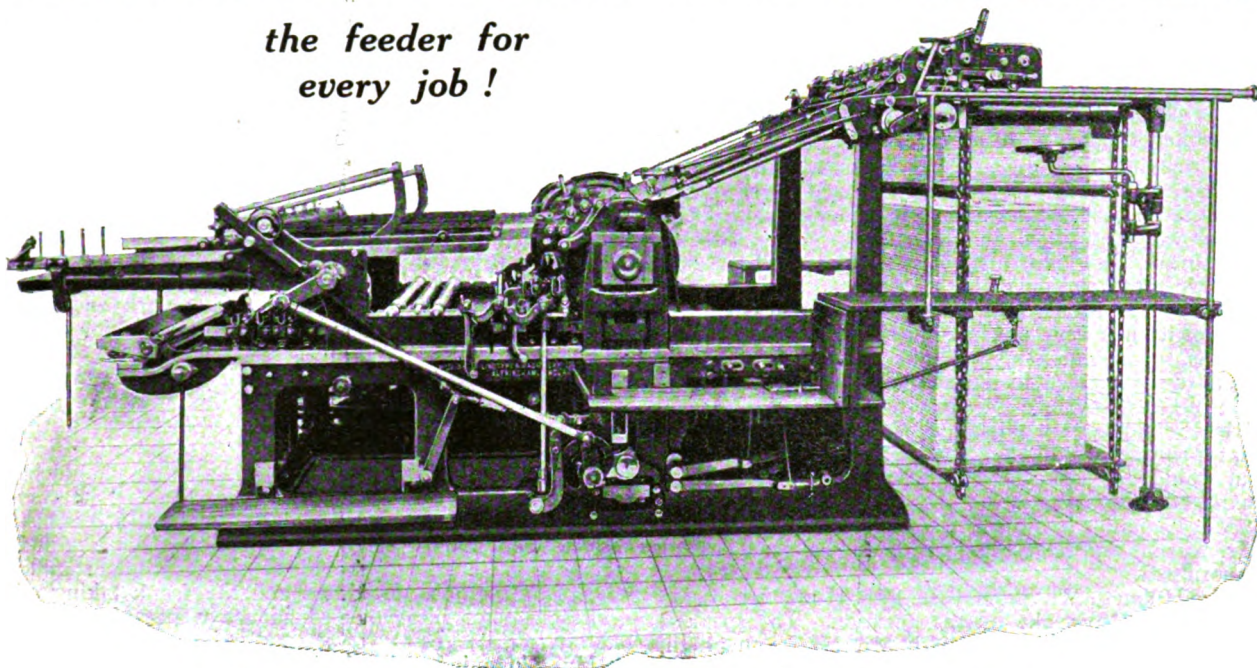
An impressive ceremony took place at the Camberwell factory of Messrs. Samuel Jones and Co., Ltd., the other day, when a bronze memorial plaque was unveiled in memory of the late Mr. Edward Jones, who was chairman and managing director of the company when he passed away so suddenly in India.

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H.T.B. Combination Feeder in use as a full automatic on a Miehle two-revolution press.

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Sole S. African Agents : W. H. Smith & Co., 148, St. George's Street, Cape Town

Printers Discuss Important Topics

North London M.P.A.

The opening meeting of the New Year of the North London Master Printers Association was held on Jan. 13th at the White House Restaurant, Stroud Green Road, N., the gathering being presided over by Mr. W. R. Cummins (president). Those present included Messrs. W. J. Mizen (secretary), L. F. Hunt, Basil Fish, C. E. Dooley and E. G. Baker (joint assistant secretary, L.M.P.A.), whilst messages regretting absence were received from Mr. Alfred Langley (president, L.M.P.A.) and Mr. F. J. Collins. In his letter, the last-mentioned gentleman mentioned the fact that he had just been successful in getting the whole of his works de-rated, and suggested that other members were likely to meet with the same success.

In replying to a question that arose out of the minutes, Mr. Baker said that the suggested dance organised by the Young Master Printers Central Committee was to be held on March 25th at the Holborn Restaurant, and that further particulars with regard to it were to be circulated.

Mr. W. J. Mizen then spoke to the meeting on a subject he has very much at heart. This was a suggestion to appoint a lay-out man for the district who would act for them in endeavouring to increase their printing. He wished the North London Association to be the pioneers in this movement. He was convinced that printing in the neighbourhood was very scarce but could be increased if the matter was properly managed.

Mr. Cummins favoured the suggestion outlined by Mr. Mizen, and said the idea could be tried as an experiment.

Mr. Hubner, Mr. Basil Fish, Mr. Hunt, Mr. Baker and others also spoke on the question. The speakers did not all see eye to eye with Mr. Mizen on all the points raised, but were willing to see something tried on the lines indicated.

Mr. G. A. Brockman said he thought Mr. Mizen's suggestion contained the germ of great possibilities, and proposed the formation of a sub-committee to go into the matter and report to the general body of the members, the committee being appointed as follows:—Messrs. Cummins, Mizen, F. W. Soule, Fish, Carl Hubner, Mizen, junr., and W. W. Curtis. The sub-committee was also asked to report on the question of securing new members.

The secretary next informed the meeting that the Association's annual bohemian concert was to be held at the Islington Library Hall, Holloway Road, on March 18th.

The remainder of the evening was given over to the reading of short papers on various interesting topics by several members, contributions being made by Messrs. C. E. Dooley, Carl Hubner, L. F. Hunt and W. R. Cummins.

Mr. Dooley, the first speaker, related his experiences with the Heidelberg platen. He installed his machine some eighteen months ago and was very well satisfied with the work it was performing. The pressure on it compared very favourably with any other foolscap-folio machine. The only little difficulty he had to contend with was in regard to rolling, but here he generally got over the difficulty by locking up to the extreme edge of the chase. The register with two- or three-colour jobs was not altogether satisfactory, but for

ordinary letterpress he had found the register excellent. The machine he regarded as a good proposition, and recommended it to any house where there was ordinary commercial work to be done.

Mr. Hunt dealt chiefly with the troubles printers have to contend with in their blocks. Wrong sizes were often sent in, causing the printer much annoyance and waste of time. Then there were various troubles with regard to type height, which caused the printer to have to spend a lot of time on make-ready. Blocks were often received with scratches, these being only slightly discernible when put under the magnifying glass of the blockmaker's proof, but easily seen when a proof was pulled by the printer. The faults of line blocks were legion. He advocated the supplying of all electros and stereotypes to a standard height. They would not allow the typesetter to send them type of varying heights, and why should they allow the blockmaker to give them so much trouble with differing heights? They were working for a standard ream; they had got a standard for their colour work, and why should they not press for a standard gauge for their blocks?

Mr. Hubner referred more especially to the question of price-cutting. He believed that the ultimate end of the price-cutter was bankruptcy. Slackness in the works, he contended, was often the cause of price-cutting. He suggested that the price-cutter should be visited and have pointed out to him the evil he was bringing on the trade. He advised a visit to the customer who had given work to the price-cutter, and thought the customer should be shown the estimate sheets of the job. Boldness and the frank taking of your customer into your confidence went a long way to-day.


Mr. Cummins, who had a gummed-tape sealing machine in front of him, said it was beyond his comprehension that every printer did not use this machine to tie up his parcels. He was convinced that it was the finest advertiser any printer could possess.

A suggestion made by Mr. Brockman that their agendas at future monthly meetings should contain an item "Any Difficulties," was warmly received.

An interesting and useful meeting was then closed with a vote of thanks to the chairman.

PRINTERS' EXHIBIT.—In circulating particulars of its arrangements for a printers' collective exhibit at the coming British Industries Fair, the Federation of Master Printers mentions that one of Newcastle's leading printers and publishers can trace new business amounting to £6,500 as a consequence of exhibiting at the North-East Coast Exhibition last summer; in reply to a questionnaire, only eight out of 400 exhibitors failed to express complete satisfaction.

MESSRS. SMITH AND YOUNG, of Emerson Street, London, S.E., who have recently acquired the business of Mansfield and Baddeley, Ltd., engravers, die sinkers, etc., of Hill Street, Finsbury, are removing the Hill Street staff and plant to Emerson Street. Now possessing one of the largest plants of this kind in London entirely devoted to trade work, they are also putting down additional machinery in their trade offset department.



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World-Museum of the Art of Printing

An Appeal by Dr. A. RUPPEL

Director of the Gutenberg-Museum in Mayence-on-Rhine

About the year 1445, a deed was achieved at Mayence-on-Rhine, destined to change the face of the earth. The great event consisted in the modest fact that Johannes Gensfleisch, also called Gutenberg, a citizen of Mayence, had invented the art of multiplying with mysterious rapidity and in unlimited numbers manuscripts, until then accessible to only few people, by using movable type of cast metal—which invention made knowledge common property of humanity.

The world knows well what is due this man, and never lets a suitable chance pass by without gratefully paying homage to him. Numerous monuments were erected in his honour; magnificent centennials in the years 1640, 1740 and 1840 reminded the world of the magnitude of his invention. The 500th anniversary of his birth was celebrated in the year 1900 by unsurpassed pomp, and ten years hence, in 1940, at the 500th anniversary of his invention, the world will pay no lesser homage to her great benefactor.

As a living memorial of the immortal master-mind, the Gutenberg-Museum at Mayence was founded in the year 1900, the purpose of which is not only to collect everything bearing testimony of Gutenberg's invention, but also to collect, to sort, to treat of, to exhibit and to make known far and wide by scientific publications everything relating to the history of the entire art of printing in all civilised countries of the world.

In Mayence shortly before the dawn of the year 1400 in the house called "Zum Gutenberg" the great inventor of the art of printing was born as scion of the old patrician family, the Gensfleisch. In Mayence in the building called "Schöffershof," which is still in existence, he finished his immortal invention. In Mayence he made in the year 1445 Europe's first print in type, the "Fragment of Judgment Day." In Mayence he created from 1452 to 1455 the famous "42-line Bible," the masterpiece of the art of printing of all times. In Mayence in February, 1468, at St. Francis' Church, his mortal remains were laid to rest. In Mayence the memory of this incomparable genius lives on in undiminished reverence. In Mayence stands his proudest monument, a creation of the great Thorwaldsen in honour of the still greater Gutenberg. Mayence, where for more than a quarter of a century the work of the Gutenberg-Museum has been going on, is the predestined home of all printers of the entire world.

Founded on the 500th anniversary of Gutenberg's birth in the year 1900 in Mayence, the Gutenberg-Museum was opened officially on June 24th, 1901, in the old castle of the Elector of Mayence. In September, 1912, the Museum was removed to the new building of the Public Library on the "Rheinallee," in quarters rather narrow. The first twenty-five years of its existence were devoted to quiet preparatory work and interior extension. Only at its 25th anniversary, in 1925, started serious efforts for expansion. At that time the space assigned to the Museum in the Library Building was more than doubled by acquiring the large halls on the first floor, the hall between the stairways and some other rooms. At the same time a facsimile of a complete printing office of Gutenberg's time with foundry, compositor's room and printing press was installed, all in perfect working order.

Its intention to become the "World-Museum of the Art of Printing" is being approved and assisted not alone by the City of Mayence, but also by leading men of the printing trade at home and abroad.

Under the auspices of the City of Mayence, the beautiful old patrician mansion, known as "Zum Römischen Kaiser," situated in the shadow of the venerable old Cathedral of Mayence, is being renovated for the extension of the Gutenberg-Museum. At the same time, the City is contemplating to place later the equally beautiful old house, known as "Zum König von England," situated next door to the above, also at the disposal of the Gutenberg-Museum. In refurnishing the Museum it is the intention to arrange its exhibitions in such a manner as to satisfy the most fastidious, which heretofore had not been possible for lack of room. The development of the technique of book-printing too is to be demonstrated more elaborately than heretofore. Besides a printing office of Gutenberg's time, printshops of the 18th, 19th and 20th centuries, a papermill of the 15th century, etc., all in working order, will be installed. Several older printing presses have already been donated, and further donations have been promised.

Besides the City of Mayence, and other cities famous for printing, every country of the world is to receive its own room for the purpose of demonstrating its history of printing in a dignified and beautiful manner.

Accordingly, the "Gutenberg-Museum of Mayence" has entered upon a tendency of happy development. It is to be hoped and desired that the efforts being made by the City of Mayence and by the administration of the Museum will find a resonance in the ranks of Gutenberg's disciples for whose benefit principally the Museum is being created. It is further to be desired that the typographical organisations of all countries, of which some already are giving generous assistance to the Gutenberg-Museum, insert a paragraph in their by-laws stating that the extension and furtherance of their common Museum in Mayence is one of the aims of their organisations. Then, there is no doubt, the civilised countries and their governments will not hesitate to assist the Gutenberg-Museum of Mayence and to supply the same with material demonstrative of the history of printing relating to their respective country.

Numerous noble donors have assisted the Gutenberg-Society to such a degree as to place it in a position to supply the members against nominal annual dues of four dollars with valuable publications of exemplary makeup representing more than three times the value of the dues. Besides the Gutenberg-yearbooks which appear annually on June 24th, the members receive every year several smaller prints treating on special questions of the history of printing.

Whoever in a great measure derives his daily bread from the art of printing born in Mayence, ought to assist in supporting the Museum bearing Gutenberg's name, by placing at its disposal appurtenances and machines or presses of his trade, by sending in old and new products of the art of printing, or by helping in some manner to advance the completion of this contemplated "World-Museum of the Art of Printing." Every gift will bear the donor's name and thus connect his name with the immortal name of Gutenberg.

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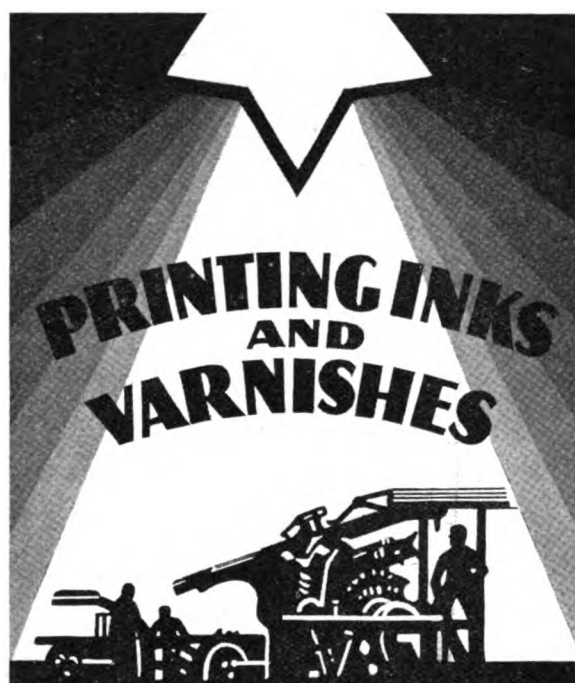
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By JAS. A. ESLER

V.—BOOK SEWING MACHINES (Continued)

The Brehmer Letterpress Machine No. 38½ (Fig. 1)—by Messrs. Aug. Brehmer's (British) Successor Limited—is a popular letterpress sewing machine greatly favoured by reason of its high working speed. On the A.V.S. model any section from 1 inch square up to 14 inches by 10 inches can be sewn. The machine produces ordinary continuous sewing without backing material, and will furthermore sew through or over

The old necessity for inserting wooden blocks between the sewn books has been superseded, a special attachment being now supplied which loops the tapes between each book. The attachment gives the correct length of tape required for casing-in purposes. Drawing the sewn books along the tapes is now no longer necessary. The thread slides which carry the thread to the hook-needles are at the rear of the sewing-

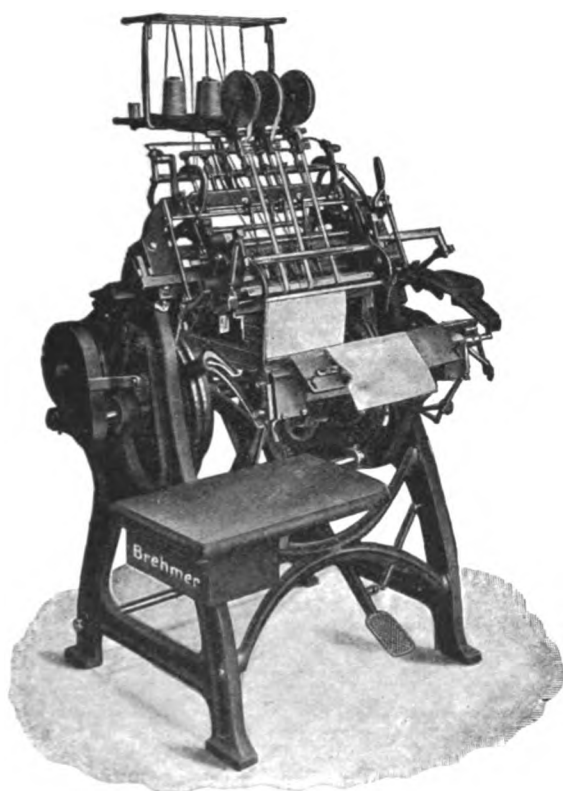


FIG. 1.—BREHMER LETTERPRESS BOOK SEWING MACHINE, NO. 38½ A.V.S.

from 1 to 6 tapes. In addition, mull or crash can be sewn through with perfect ease. The standard equipment of the machine includes tape loosening attachment, and holding knives for supporting french sewn work in the book tray. The machine uses straight needles, an advantage for sewing either stout or light letterpress sections. There are no needle bodies to alter for different arrangements of stitches. The change from one kind of stitch to another simply entails the removal of a bolt from a hole in an index lever, and the inserting of it in another hole. By this device much of the time occupied in setting up is entirely eliminated, and for this reason the machine is a general utility article suitable for the small or large department.

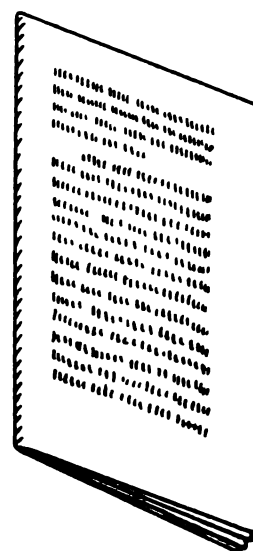


FIG. 2.—AN OVERCAST SECTION

needles; it is, therefore, impossible to have defective sewing by reason of stitches missing. The No. 38½ B.V.S. model will handle sections up to 20in. x 12in.

Messrs. Brehmer's (British) Successor manufacture a number of different models of sewing machines for plain sewing, staggered sewing, and combinations of both, corresponding with the requirements of most commercial departments. The No. 33 machine sews heavy account books including guard books in the strongest possible manner, and the 33½ handles somewhat lighter work with equal efficiency.

The principle of sewing with straight needles in use on these machines is interesting. A series of sewing and hook needles evenly placed and in succession, pierce the section when the arm is at its highest point; then, slightly receding—i.e., going up again—reach the "loop-forming position"; slides operating below engage the loop, drawing it to one side just below the hook-needles. The slides now perform a tipping movement towards the needles, so that one thread of the loop presses tautly over the needle. On the continued upward movement of the needle the thread slides down its shaft into the hook, taking the thread up, after which the hook needles make a turn on their axis so that the tongues of the needles are at the back.

OVERSEWING

Oversewing, or overcasting, is the term used to indicate the sewing of single leaves into book form.

In hand sewing two methods are usual. If it is a case of rebinding, and the backs of the sections are in a bad and ragged condition, it will be necessary to trim the irregularities away in machine and glue-up the back. If it is a new job in single leaves, the trimming can be omitted; one must, however, glue-up just the same. The leaves are now divided into convenient sets to form sections and are overcast, or whipstitched, i.e., sewn over and over (see Fig. 2), thus forming definite sections. When the sections are complete, the sewing proper of the book begins, and any of the usual principles of book sewing can be followed, with the obvious exception of the "sawn-in" method.

The second method is to run the sections up on a sewing machine instead of whipstitching, following on in the usual way afterwards.

An oversewn book never opens flat in the way a book of ordinary sections will do. To get the best effect, the stitches forming the sections should be small and near the edge of the sheets. For this reason the use of the sewing machine for running up the sections is to be commended, producing as it does an effect of neatness combined with definite strength.

OVERSEWING MACHINE

This machine performs book sewing of the type variously called "overcasting," "whipstitching," "library sewing" and "oversewing."

The machine illustrated in Fig. 3 (the Sheridan Machinery Co., Ltd.), sews through the sides of the binding edge of the sheets instead of through the centre of the sections. An intimate hold is thus se-

cured upon the individual leaves which is not possible in any other book sewing, thus giving the oversewn book remarkable strength and durability. Oversewing makes a much stronger book than does the usual book sewing. In ordinary sewing a few stitches engage through each folded section (five to six per section). In the oversewing method, there is a multitude of stitches through the edge of the section, and, after oversewing, no leaf (if caught), will fall out: each is firmly held with many stitches. Oversewing on machine is identical with ordinary book sewing in that one section is handled at a time, but, unlike ordinary sewing, which requires folded signatures, it makes no difference whether the sections are folded or made up of single leaves. No pasting of insets is required; these are gathered in proper order in the sections, and the whole oversewn. The preparation of material for sewing on the machine involves no alteration in binding methods, and, except a slight change in the form of end papers, the practice remains as before. The forwarding of books sewn by this method is in no way different from that of those overcast by hand.

It may be said that the oversewn machine replaces from five to ten hand sewers, this number depending on the skill of the operator, and the care with which material is prepared for machine.

Sorting of the books into lots by height, careful sectioning of them, and intelligent care of the machine—all contribute to increased output.

It is well to point out that, having regard to the fact that the oversewn book, by the very nature of the principle involved, can never open flat in the manner usual in the section-sewn book, the manufacturers of the oversewer recommend that a scoring machine be used in conjunction therewith, by the use of which all

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stiff papers acquire creditable opening qualities when oversewn.

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In the manual method, when the books leave the sewer the swell in the back was reduced by the simple process of tapping the volume along the back with a hammer. The "smashing" or "nipping" machine does this much more accurately and effectively than

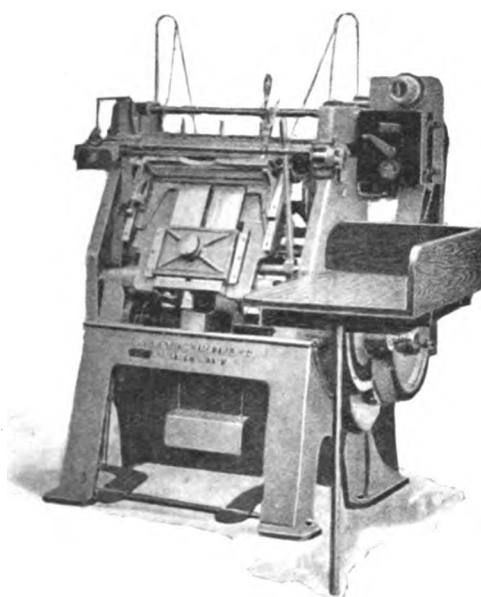


FIG. 3.—OVERSEWING MACHINE FOR BOOK SEWING

the hand binder. The principle of the compressing machine is to exert powerful pressure by the opening and closing action of a pair of jaws into which the book or books is or are placed. Naturally the jaws are capable of adjustment to the thickness which is required. There are a number of forms of this machine, the object of all being identical. All volumes of the same job which pass through the machine after setting can be depended on for uniform thickness. The most desirable quality in the "smasher" is "dwell"; this can only be described as a brief pause, what time the books are gripped at the greatest point of compression. Upon the nature of the job and the solidity required will depend the number of books placed in the smasher at the same time.

Volumes which are made up of fairly thick stock, and of average thickness, can be placed in the "nipper" without fear of anything going wrong. When, however, thick volumes made up of thin sections are being dealt with, it will possibly be found that only the back can be introduced, as the fore-edge will require a stout grip to prevent the sections from slipping; it is in processes like this that "knack" has a big advantage over actual strength. A man who knows his job will nip a lot of books without becoming weary;

on the other hand, a stronger worker may tire quickly. Nipping where the books have to be gripped is one of those jobs which must be learned by experience.

CUTTING AND TRIMMING

"The printer makes a good job of the book, and the binder spoils it by removing the margins in the guillotine"—this is the usual charge levelled at the binder. If the sheets have been passed by the binder, and difficulty results at the cutting stage, the binder may be at fault; these cases are exceptions, and after "nipping," trimming follows without question. Reference to the case which has been made for the book, in the meantime, is essential; and whatever type of machine is to be used is set for the job, and even in a purely automatic process like trimming edges some variety can be displayed. "Cut head, trim fore-edge and tail" is a usual style for novels; this gives extreme size to the book and, while certain leaves on front and tail may not be actually "cleared," the result is quite satisfactory. Text-books and certain other non-fiction volumes are definitely cut all round, and books of a third and more restricted variety are cut head only, the fore-edge and tail being untouched.

New British Patents

APPLICATIONS

- Addressograph Co. Printing devices. 176, 177.
 Addressograph Co. Clutch mechanism for printing, &c., machines. 310.
 Coleman, H. C. Envelope. 449.
 Gaunt, C. F. Calendars, &c. 579.
 Grant, H. R. Boxes of paper, cardboard, &c. 374.
 Grünberg, J. Hydraulic printing, &c., presses. 601.
 Guerra, A. A. Calendars. 572.
 Intertype Corporation. Typographical machines. 161.
 McCormick, R. R. Printing presses. 184.
 Mills, T. J. Web associating devices for printing machines. 866.
 Scheu, Ges., F. A. Hydraulic printing, &c., presses. 601.
 Schramm, C. Bookbinding machine. 1,100.
 Taplin, H. J. Paper-strip feeding machines. 300.

SPECIFICATIONS PUBLISHED

1928

- Bennett, G. A. Automatic stopping devices for use with printing and like machines. 323,636.
 Camco (Machinery), Ltd. Automatic feed wire-stitching machines. 323,233.
 Counsell, G. R. Book-binding and the like. 323,189.
 Crabtree and Sons, Ltd., R. W., Evans, A. B., and Hawkins, G. Coating machines and the like. 323,253.
 Igranic Electric Co., Ltd., and Rapley, H. H. Newspaper conveyers. 323,575.
 Rawlins, E. F. Type-composing machine. 323,258.

1929

- Barlow, E. Illuminated advertisement attachment for boxes of all kinds—cardboard, wood, metal or such like. 323,689.
 Hart, H. (Mergenthaler Linotype Co.). Typographical composing and casting machines. 323,695.
 Tuck, G., and Tuck, D. A. Picture postcards, Christmas, birthday, and like greeting cards, advertisement cards and the like. 323,458.

Wade, H. (Typograph Ges.). Matrix-setting and type-line casting machines. 323,688, 323,704.

COMPLETE SPECIFICATIONS OPEN TO PUBLIC INSPECTION BEFORE ACCEPTANCE 1929

Adrema Maschinenbauges. Address-printing machine with skipping device. (39,796.)

Jagenberg-Werke Akt.-Ges. Sheet delivery device for transversal paper cutting machines. (39,896.)

Linotype and Machinery, Ltd. Machines for trimming printers' slugs, rules, and the like. (39,679.)

Rotaprint Akt.-Ges. Offset or lithographic printing plates. (38,531.)

Spieß, G. Sheet grippers for use with delivery apparatus for platen printing presses. (38,843.)

Spieß, G. Sheet folding apparatus. (39,339.)

THE LEIPZIG FAIR.—By virtue of its number of exhibitors and buyers, the Leipzig Fair is the largest in the world. For centuries the Leipzig Fair has been attended by business visitors from the most remote lands. That the Sample Fair of to-day still attracts so many buyers is chiefly due to its universal nature, i.e., the completeness of its supply in every branch of industry. In the course of recent years, practically every industry has been represented at this Fair. In addition to this, the Leipzig Fair is also a market for semi-manufactured articles, and latterly, for raw materials.

More than 10,000 firms exhibit at every Fair. The Leipzig Spring Fair of 1930 will be held from March 2nd till March 8th (the Technical and Building Fair till March 12th); the Leipzig Autumn Fair will last from August 31st till September 5th, 1930.



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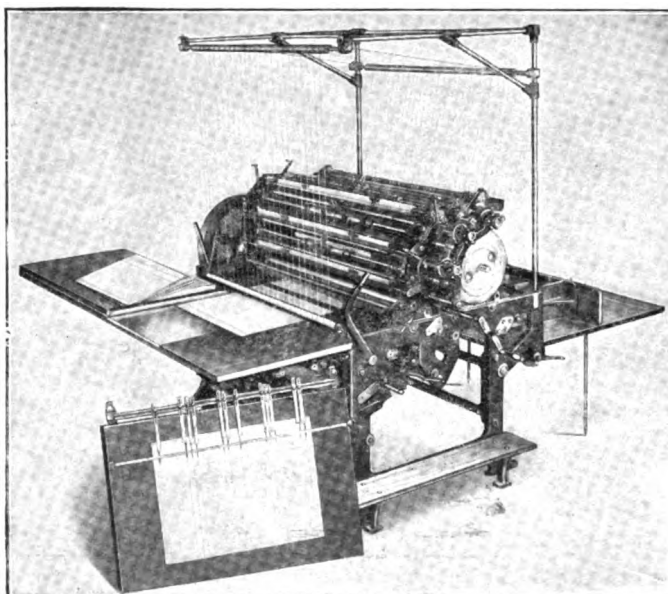
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Trade Notes

WE are notified of a change of name of the company hitherto known as Francis J. Connolly, Limited, which will henceforth be known as M. & S. Printing Engineers, Limited. This change forms part of the arrangements made with Mr. Francis J. Connolly when he recently resigned from the board. The firm's registered office and works remain at Union Works, 60, Park Street, S.E.1.

MESSRS. BARLOW BROTHERS, ticket printers, of Scarborough, are removing their business to West Hartlepool, where they have acquired the premises and business of Messrs. Alexander Salton, Ltd.

MESSRS. BERRY, EDE AND WHITE have removed into their new factory at 40/42, Scrutton Street, London, E.C.2, where all communications and goods are now received. Their bookbinding department at Harp Alley, will shortly be transferred to the same address.

AN agreement has been entered into between Industrial Publicity Service, Limited, 4-7, Red Lion Court, Fleet Street, and Foster Turner, Ltd., Worcester House, Walbrook, under which the two firms unite their organisations for all departments of commercial and financial publicity.

MR. HENRY ALABASTER, late chairman of the Electrical Review, Ltd., has died in his eighty-fourth year.

THE death has taken place suddenly in a nursing home of Mr. Robert M. Grant, for the past 31 years manager of the *Northern Chronicle*, Inverness. He became ill about a week previously, and underwent an operation.

GREENOCK has lost a familiar and popular figure through the death from pneumonia of Mr. James Brown, aged 73, for nearly half a century in charge of the job printing department of the *Greenock Telegraph*.

THE eighth annual ladies' festival of the *Daily News* and *Star Overseers'* Guild was held on Saturday at the Hotel Russell.

A MEETING of the Executive and Costing Committee of the South-Western Alliance of Master Printers was held at Bristol on Monday. In the absence of Mr. E. O. Twitcher (president), the chair was taken by the vice-president (Mr. J. L. Milligan). Considerable time was occupied in dealing with the state of organisation in the Alliance. It was reported that the Oxford Association had arranged a dinner for February 10th, and the Bristol Association one for February 11th. It was resolved to fix the annual meeting for a date early in May. It was also agreed to take steps to form a Young Master Printers' Group in the Alliance. The hon. treasurer of the Alliance (Mr. J. Cheney) gave a brief summary of the financial position, which compared satisfactorily with that of a year ago. Mr. G. H. Holloway gave a most interesting résumé of the business done at the Federation Council meeting on the 14th inst., for which he was thanked by the chairman. The meeting adopted, on the proposition of Mr. Townsend, seconded by Mr. Bland, a resolution sent up by the Bristol Association calling upon the National Federation to take steps to increase the number of apprentices that could be taken in the skilled sections of the industry and promising support in such action.

MEETING in Rome, an international committee of Roman Catholic journalists decided to summon a world congress of the Catholic Press at the end of August this year.

The History of Ornament

Typographers at L.S.C. Jobbing Guild

THE history of ornament from 1800 B.C. up to the present day, was traced by Mr. Vincent Steer (president, British Typographers' Guild), in an address on "The Grammar of Ornament" delivered on Wednesday last week to members of the L.S.C. Jobbing Guild.

Mr. T. Wilson Philip (secretary, British Typographers' Guild) was in the chair, and also operated the lantern by means of which Mr. Steer was able to illustrate his remarks.

THE NINE SCHOOLS

THE earliest of the nine schools of ornament, said Mr. Steer, was the Egyptian, dating back to 1800 B.C., and known as the Hieroglyphic style. The prominent characteristics of that period were symbolism, richness of material with simplicity of arrangement, and an artistic crudity. In the Greek period the aim was exclusively æsthetic, with general beauty of effect; in the Roman period the aim was still æsthetic, the skill was equal to that of the Greeks, and the taste was for more gorgeous detail and general magnificence.

Coming to the Byzantine, or first style of the medieval period, the trend was first towards symbolism, which in the course of a century or two became elaborated into a style having a gorgeous general effect, and combining the symbolic with the æsthetic. The Saracenic school was the same in principle—a great richness of effect without any remarkable merit in detail. In the Gothic style, symbolism again induced much of that crudity in detail which was the inevitable result of a departure from the æsthetic.

THE HERALD OF MODERNISM

THE herald of the modern styles was the Renaissance which, like the classic styles, was purely æsthetic, and at first showed indications of the natural vagaries of an unaccustomed freedom. Afterwards the period settled down into a genuine revival of one of the most finished styles of antiquity—the Cinquecento. Then there came the final decline—mere love of display, gold and glitter; such was the Louis Quatorze style which was more general in its aim than any other style. Its details were after a time absolutely neglected, developing into the absurd Rococo.

The predominant note in the discussion that followed Mr. Steer's address concerned the modern tendency in the design of printers' ornaments. Mr. T. Wilson Philip said the design of ornament was at present in the melting pot. The familiar styles were continually re-used and varied, and it remained to be seen whether a new designer would come to light in the future.

Other speakers dealt with the correct use of ornament, it being indicated that to elaborate a design tended to detract from the reading matter. The general opinion was that ornament should always be distinctive and in good taste, but sufficiently subdued so as not to detract from the main purpose of the work in question.

Mr. H. B. Naylor (hon. secretary, L.S.C. Jobbing Guild) proposed a vote of thanks to Mr. Steer. This was seconded by Mr. Harvey, and enthusiastically accorded. The thanks of the meeting were also conveyed to Mr. Wilson Philip for his dual duties as operator and chairman.

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F.M.P. Council Meeting

At the quarterly meeting of the Council of the Federation of Master Printers last week several matters of interest were announced.

The Council were informed (as made public at last week's luncheon at the Mansion House) of the progress of the movement for affiliation between overseas master printers' organisations and the F.M.P.; also of the receipt of a cheque for £1,000 from Mrs. W. Howard Hazell from the estate of her late husband, thus doubling the income from the Howard Hazell Scholarship Fund founded by Mr. Hazell.

A report on labour matters was given by Lt.-Colonel H. Rivers Fletcher.

SEPARATE PHOTOGRAVURE SECTION

A proposal to form a separate section of members of the Federation engaged in photogravure printing was adopted. This section will deal with questions of labour, apprenticeship, costing and other matters in connection with photogravure printing.

In the report of the Publicity and Selling Committee, submitted by Mr. Wm. H. Sessions, it was announced that the name of a printer who was also an advertising agent but had been struck off the Master List of the London Newspapers, had been reinstated.

PUBLICITY AND SELLING

Announcement was made on behalf of the Publicity and Selling Committee of the contemplated preparation of a Course in Selling Printing, also other aids to printers' salesmanship.

The Committee is arranging an excellent platform for the Publicity and Selling section at the annual meetings of the Federation in Edinburgh, May 31st to June 4th. The speakers will include Mr. Robert Wylie of Glasgow, Mr. E. C. Keliher, Lt.-Colonel B. L. Hooper and possibly a speaker from the publicity department of one of the large railway companies. As in past years the Committee will also organise a printing section at the Convention of the Advertising Association at Hastings in June. The Manufacturers' Lunch at that Convention will be given by Mr. F. J. Parsons, a prominent Hastings printer and newspaper proprietor, and the chief guest will be Lord Eustace Percy.

YOUNG MASTER PRINTERS

The report of the Organisation Committee, submitted by Mr. William Maxwell, president of the Federation, included a recommendation which was adopted for regularising the Young Master Printers' movement. It is suggested that young master printers should be grouped in Alliances, the Alliance secretary to be secretary of the Group; the Group to elect its own chairman; the chairman or another nominee of the Group to be entitled to attend Alliance executive meetings in the capacity of a liaison officer, but without power to vote; the chairman or other nominee of each Group to be available to meet as a committee under the chairmanship of the president of the Federation for consultation respecting Young Master Printers' session at annual conference and similar questions; and in each Alliance the title "Young Master Printers' Group" to be adopted.

It was also announced that the International Organisation of Master Printers brought into being in April last at Olympia passed into the control of the German Master Printers from the beginning of this year.

The president announced to the Council that he would nominate at the next meeting Mr. Dudley P. Forman as vice-president in the coming year in succession to Mr. Alfred J. Bonwick.

Joint Industrial Council

Betterment Proposals Adopted

At the Quarterly Meeting of the Joint Industrial Council of the Printing and Allied Trades last week, the outstanding item of business was the reception of the Second Report by the Betterment Committee. The Committee prepared a draft report some 18 months ago, which was submitted to the executives of the trade unions and to the Alliances of the Master Printers' Federation and the Newspaper Society and was revised in the light of comments received. An interesting discussion took place and the report (reprinted in this issue) was adopted. It is entirely permissive in character, but it is believed that if the proposals have full consideration, the way will be laid to their adoption to the general interest of the whole trade.

The Apprenticeship Committee of the Joint Industrial Council were able to report an interesting letter from the Board of Education concerning the difficulties that arise where students desiring to attend technical schools live in the area of other education authorities.

The Council decided to make a final appeal to the trade for the War Orphan Fund of the Printers' Pension Corporation in 1930. It is hoped that as a result of this appeal the Fund will be able to meet all its remaining liabilities in regard to war orphans.

By invitation of the Bradford District Committee, the annual convention of the Joint Industrial Council will be held in the Town Hall of Bradford on Wednesday and Thursday, July 2nd and 3rd. The convention proper will take place on the second day. On the first day the quarterly meeting of the Council will be held in the afternoon and a public meeting in the evening.

The Health Committee reported that it had received a report from the Home Office on the question of dermatitis, and the Council authorised the issuing of a leaflet on the subject outlining means of prevention.

Mr. W. L. Benrose gave the report of the Costing Committee, and this included a reference to the growing interest being taken in the paper standardisation agreement. A proposal was adopted to invite the trade press to co-operate in urging standardisation upon all printers by means of simultaneous announcements.

At a gathering of representatives of the Lanston Monotype Corporation Limited, at dinner last week, twelve being present, the combined services of the twelve represented 323 years.

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New Companies

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DIXONS (1930), LTD.—Capital £4,000, in £1 shares; general and commercial printers, bookbinders, stationers, lithographers, die stampers, account book manufacturers, wholesale and retail paper merchants, etc. Private company. Directors: S. L. Dixon, E. Andrews and J. Turver. Registered office: Central Printing Works, Guiseley, Yorks.

J. ELLIS BENSON, LTD.—Capital £3,000 in £1 shares (2,000 7 per cent. cumulative preference and 1,000 ordinary); to acquire the business of a printer, stationer and news-agent, carried on by J. E. Benson, at 101, Wilmslow road, Withington, Manchester. Private company. Directors: L. G. Alletson, Mrs. E. A. Alletson and J. E. Benson.

J. COKER AND CO., LTD.—Capital £5,000, in £1 shares; to acquire the business of wholesale and export book-sellers, printers and publishers carried on by J. Coker and W. J. Jones as J. Coker and Co., at 6, Farringdon-avenue, E.C.4. Private company. Directors: J. Coker and W. L. Jones. Registered office: 6, Farringdon-avenue, E.C.4.

EDWARD GOLDSTON, LTD.—Capital £1,000, in £1 shares; publishers, booksellers, printers and art dealers, etc. Private company. Directors: E. Goldston and A. Goldston. Registered office: 25, Museum-street, W.C.1.

SPENCER DENHOLM CO., LTD.—Capital £1,000, in £1 shares (300 cumulative preference and 700 ordinary); to acquire the business of a fancy box top maker carried on by H. C. Warne at 63, Newlands Park, Sydenham, S.E., and to carry on the business of manufacturers of and dealers in all kinds of boxes, cartons, containers and parts

thereof, and in particular the box tops produced by the Pochoir process, etc. Private company. Directors: H. C. Warne, E. A. Hudson, L. W. Hudson and Jose de Borse. Registered office: 63, Newlands-park, Sydenham, S.E.

JOSHUA HOLDEN, LTD.—Capital £5,000 in £1 shares; to acquire the business of a paper and paper stock merchant carried on by J. Holden at Dyche-street Paper Works, Rochdale road, Manchester, and to carry on the same and the business of papermakers, and dealers in materials used in the manufacture of paper, paper bag and box makers, cardboard and envelope manufacturers, etc. Private company. Directors: J. Holden and Miss Winifred Holden. Registered office: 20, Dyche-street, Manchester.

BAKER DEARDEN AND CO., LTD.—Capital £5,000 in £1 shares; to acquire the business of paper merchants and stationers heretofore carried on by Baker Dearden and Co. at Temple-street, Bristol. Private company. Directors: P. T. Baker and F. Dearden. Solicitor: E. A. Painter, 22, Broad-street, Bristol.

Mortgages and Charges.

CHARLES GOODALL AND SON, LTD. (playing card manufacturers, manufacturing stationers, etc., London).—Satisfaction in full on May 27th, 1925, of trust deed dated November 26th, and registered December 8th, 1921, securing all monies which the company may become liable to pay under the guarantee of £1,200,000 debenture stock of Thomas de la Rue and Co., Ltd. (Notice filed January 7th, 1930).

EDWARDS AND SONS (OF REGENT-STREET, LTD.) (stationers, printers, etc.).—Issue on December 28th, 1929, of £3,000 debentures, part of a series already registered.

J. LOCKE AND SONS (PRINTERS), LTD. (Cardiff).—Satisfaction to the extent of £350 on July 20th, 1929, of first mortgage debenture dated April 8th, and registered April 13th, 1926.

H. O. LLOYD AND CO., LTD. (printers, etc., Islington).—Satisfaction in full on December 31st, 1929, of debenture No. 3 (one of a series authorised April 20th, and registered April 26th, 1928) securing £2,000.

J. AND H. BELL, LTD. (printers, etc., Nottingham).—Satisfaction in full on January 2nd, 1930, of first mortgage debentures authorised June 29th, 1900, and registered July 13th, 1908, securing £4,000.

J. AND H. BELL, LTD.—Particulars filed of £4,000 debentures authorised November 18th, 1929, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued.

PARR LANGFORD AND CO., LTD. (printers, etc., Blackpool).—Particulars filed of £300 debentures authorised January 2nd, 1930, charged on the company's undertaking and property, present and future, including uncalled capital, the amount of the present issue being £100.

WALTER FLETCHER (ILFORD), LTD. (showcards, labels, boxes, stationery, advertising specialities, etc.).—Deposit on December 30th, 1929, of deeds of Factory, Roden street, Ilford, to secure all moneys due or to become due from the company to Barclays Bank, Ltd.

HENRY COOKE AND CO. (1929), LTD. (paper manufacturers, etc., Richmond, Yorkshire).—Debenture dated January 1st, 1930, to secure a sum not exceeding £2,500 payable under a guarantee to the company's bankers charged on the company's undertaking and property, present and future, including uncalled capital. Holders: S. Robinson, 26, Newbiggin, Richmond, Yorkshire; and others.

Company Liquidation

Re KALOGRAPH (PARENT) CO., LTD., Friars House, New Broad-street, E.C., and 73, Baker-street, W.—Under the compulsory liquidation of this company the statutory first meetings of the creditors and shareholders were held on January 16th at the Board of Trade Offices, Carey-street, W.C. The winding-up order was made on December 16th and a draft statement of affairs has been submitted showing liabilities £31,099, against assets £5,051, and a contributories' deficiency of £85,997, the issued capital being £60,000 divided into 1,200,000 shares of 1s. each. The failure of the company—formed to acquire various letters patent relative to a process for treating metals and making permanent photographic reproductions on metal, etc., and of carrying on business as metallurgists, lithographers, etc.—was attributed to the small response of the public to the invitation to subscribe for shares in Permanent Reproductions, Ltd., and to the inability of the company to sell any of its other rights in the process. The liquidator will be appointed by the court in due course.

Receivers Appointed or Released

PILLING AND SONS, LTD. (newspaper proprietors, etc. Manchester)—T. Pilling, of 30, Brown-street, Manchester ceased to act as receiver or manager on December 30th 1929.

WILLIAMS AND NORGATE, LTD. (old company) (publishers, etc., London).—H. Wingfield, of 67, Watling street, E.C.4, ceased to act as receiver or manager on December 12th, 1929.

S.E. London Printers

Whist Drive and Soiree

There was a large and representative gathering at the London Bridge Hotel on Tuesday, January 14th, when the South-East London Master Printers' Association commenced its 1930 season with a whist drive and soiree. Amongst the visitors were Mr. Langley, president of the L.M.P.A., Mr. Boyle (Central Districts), Mr. Mizen and Mr. Collins (North), Mr. Pegg and Mr. Chivers (South-West), Mr. Heron (West and North-West), Mr. Hawkins (East and North-East), and from Headquarters, Mr. Baker, Mr. Williamson and Mr. French.

From the reception by Mr. and Mrs. J. W. Jackson at 6.30 p.m. to the last dance at 11 p.m. every moment was full of life, good humour and good fellowship. Carnival hats, floating balloons and the dainty frocks of the ladies, made the dance floor gay with whirling colour. The whist drive which preceded the dance was nearly as noisy and certainly as lively. Mrs. Coppard and Mrs. Brigenshaw secured the prizes for the ladies, while Mr. Boyle and Mr. A. G. Jackson received those for the gentlemen.

After the refreshments, Mr. Jackson, the president, expressed pleasure at the good attendance and took the opportunity of welcoming the visitors from other districts. After expressing regret at the absence of Mr. Lack, through the illness of Mrs. Lack, he called on Mr. Langley for a few remarks.

Mr. Langley voiced the wish of the Council that the members would have a happy and prosperous New Year. He pointed out that they had it largely in their own hands to go out and create the demand for print. They should link up with the advertising idea and endeavour to make new markets.

Lithographers' Auxiliary Concert

Successful Waterlow Evening

Somewhere about seven hundred people were, on Monday, attracted to a concert held at Cannon Street Hotel under the auspices of the Lithographers' Auxiliary to the Printers' Pension Corporation. The chair was occupied by Mr. Russell Palmer (Waterlow and Sons, Ltd.), who, in co-operation with the committee, succeeded in making the event one of the most successful held by the Auxiliary. As a result of the combined efforts of all concerned, no less a sum than £450 was collected. Amongst those supporting the chairman were many of the directors and representatives of the staff and works of Messrs. Waterlow. Those present included Messrs. Frank Heywood (Auxiliary president), V. E. Goodman, E. W. Fearn, E. Gardner, P. A. Waterlow, F. G. Dixon, H. W. Gorbald, H. H. Winston, W. R. Nicholson, Woodgate Stevens, J. E. Reeve, W. Herring (musical director), E. A. Mullins, and G. W. Crane (Auxiliary secretary).

During the customary pause in the concert programme, the chairman, in appealing for financial support, said he was convinced there was no better institution they could serve than the Printers' Pension Corporation. By serving the Corporation they would be helping less fortunate members of their craft when "up against it." They had seen enormous changes in their methods of production, and the last twenty years had witnessed some astounding developments in the art of lithography. These changes often took place with great disadvantage to the workman, and that was an additional reason why the Lithographers' Auxiliary should have their support. From its inception that organisation had collected well over £5,000, had created thirteen pensions and was now "rolling up" the fourteenth. After expressing sincere thanks to all who had assisted him financially, including his fellow directors and the various chapels and staff of Messrs. Waterlows, Mr. Palmer alluded to the valuable assistance he had received from Mr. Frank Heywood, Mr. Herring and Mr. Crane. He concluded by wishing the Auxiliary peace, progress and prosperity. (Cheers.)

Mr. Frank Heywood, proposing a vote of thanks to the chairman, said he regarded the result of the evening's concert as an outstanding one in their history. The success achieved was entirely due to the influence of their chairman, who had control of ten factories and some six thousand employees, and it was eloquent testimony of their chairman's worth.

The toast was very heartily endorsed, musical honours being given.

In regard to the musical programme, Mr. Herring excelled his usual high standard in the selection of artistes, the result being a wonderfully diversified and delightful programme. The following were the artistes: Gladys Richards, Edith Faulkner, Enid Cruickshank, Gertrude Mayo (accompanist), Ashmoor Burch, Arthur Cox, Norman Long, Ben Lawes, and Harry Speller (living marionettes).

MR. E. J. BURROW, F.R.G.S., who has been unwell lately, has, we regret to hear, had to enter a nursing home for an operation. The latest news is that he is progressing favourably.

MR. JOHN T. DAY, founder, and editor until a few months ago, of the *Shoe and Leather Record*, has died, aged 71.

Lloyd Memorial (Caxton) Seaside Home

Howard Hazell Memorial

During the week-end an interesting ceremony took place at this important convalescent home, when a select party went down to Deal to do homage to the memory of a much respected and well-known London printer by unveiling a Tablet placed there by his brother, Mr. Ralph Hazell, and his wife. Among those present were Mr. A. E. Goodwin (representing the Federation of Master Printers), Mr. G. E. Middleton, who took the place of Mr. A. E. Holmes (secretary of the National Printing and Kindred Trades Federation), Mr. Ralph C. Hazell, Mrs. Ralph C. Hazell, Mr. Charles H. Roud (chairman of the Home), Mr. A. R. Stuart, Mr. A. Sargent, Mr. T. Cox and Mr. H. F. Parker as representatives of the Committee. The Rev. A. Taylor, M.A., Vicar of St. Bride Church, Fleet Street, and a Life Governor of the Home, officiated.

The ceremony opened with a prayer, after which Mr. Charles H. Roud called upon Mrs. Ralph C. Hazell to unveil the Tablet. He said he knew the late Mr. W. Howard Hazell for a number of years, and a finer printer or a better employer could not be found.

Mrs. R. C. Hazell said that she and her husband had thought over the matter for a long time, and eventually decided that no better place could be found than the Lloyd Home at Deal and therefore they jointly contributed the necessary donation to dedicate this bed to the memory of their late brother. Mrs. Hazell read the following inscription on the Tablet:—"In memory of W. Howard Hazell a Master Printer who worked for the welfare of all connected with the Printing Trade. This Tablet was unveiled by Mrs. Ralph Hazell, January 11th, 1930."

Mr. Ralph C. Hazell in thanking Mr. Charles H. Roud, and the representatives of the Committee, alluded to the great interest his brother took in Convalescent Homes, especially the one at Bexhill, and in welfare work generally. His work in connection with the betterment movement was well-known, and it was a sincere pleasure to see Mr. A. E. Goodwin present as representing the Master Printers' Federation, an organisation in which his brother took more than an ordinary amount of interest. Although Mr. A. E. Holmes could not be present, he appreciated the presence of Mr. G. E. Middleton, who took his place to show respect to the memory of his brother.

The Rev. A. Taylor added his testimony to the sterling character of the late Mr. W. Howard Hazell.

The ceremony concluded with the benediction.

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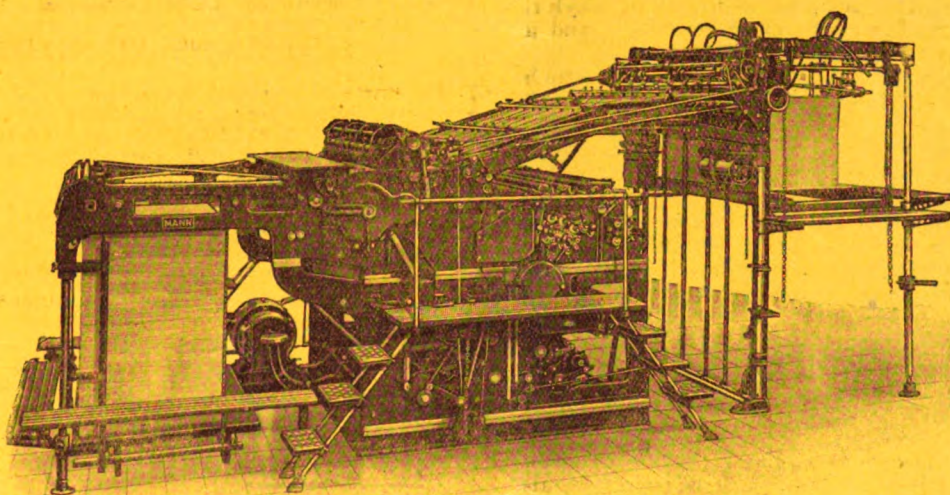


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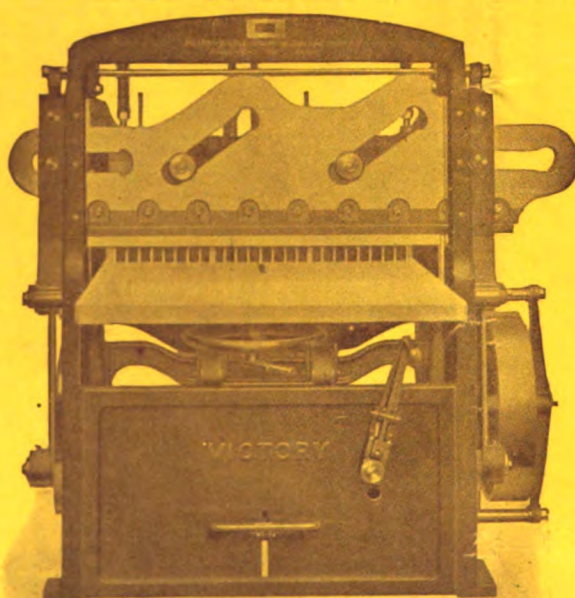
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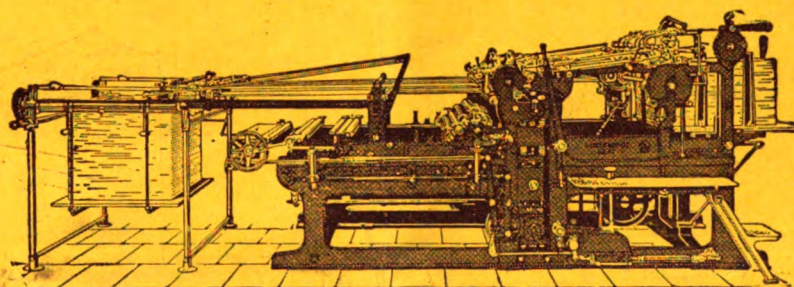
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VOLUME 106
NEW SERIES No. 66

LONDON: JANUARY 30, 1930

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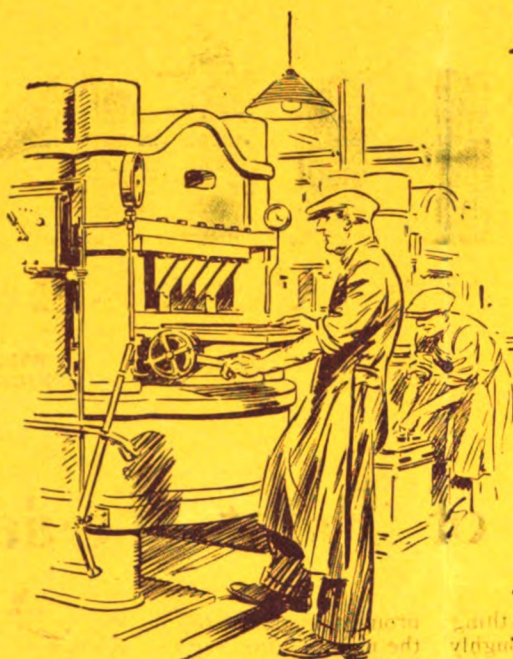
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The British & Colonial Printer And Stationer

FOUNDED 1878 — PUBLISHED WEEKLY

VOLUME 106
NEW SERIES No. 66

LONDON: JANUARY 30, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

On the subject of paper standardisation, the thing seems to be to get on with the job. A thoroughly useful purpose was served by this journal and its contemporary, the *World's Paper Trade Review*, in drawing the attention of all concerned to the facts of the existing situation. From now on, every effort is to be made to bring every maker, seller and user of paper to trade on the orderly basis of the 100-board packet, the 500-sheet paper parcel, and 1,000 sheet weight and price unit, and standardised size. If the publishers would get together and in the spirit of economic improvement adopt and practise paper buying in accordance with the standardised scheme, there would be little difficulty in dealing with the rest of the matter. If we cannot, as business men, introduce such elementary principles of rationalisation into our industry, the hope of surmounting bigger problems in British industry, trade and commerce is slight. It is twelve years after the War, and it is still left to the comparatively few to push for freshness of vision, new outlook, bold conception and a mentality free from the hidebound customs and traditions which all that is happening prove to belong to an age of industrial supremacy past and gone.

* * *

THE printer who uses paper should without delay calculate the relationship between value of paper consumption and total turnover, allowing also for the fact that administrative charges and profit should be added to paper costs. If he is not

brought instantly to see the immense importance of the paper factor, and the necessity of conducting paper business on an organised standard basis, there is not much that can be said to him about either efficiency or economy.

* * *

In studying the examples of 20th century book-printing demonstrated in Mr. Stanley Morison's mammoth tome published as an expensive private edition in 1925, one cannot but observe the very prevalent use of printers' flowers and arabesques for the building up of borders. At that period, and even to-day to a scarcely lesser extent, the title page or any bordered page is taken by the skilled enthusiastic typographer as an opportunity for building up a type-patterned design.

Doubtless the fashion was inaugurated as some sort of reaction from rule practice, which was the hall mark of typographic ingenuity in the days before the War. The best examples of flower border work, in the earlier period of the revival of this fashion, were probably those from the Pelican Press, whose type specimen book issued in 1923 will always stand as a classic reminder of this phase of the typographic art. But lest we praise ourselves too highly on our application of new modes of print embellishment, there are the type-founders' specimens of an earlier century and the following observations in Johnson's "Typographia" published in 1824, a work which, by the way, contains certain flower-bordered title pages

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fully equal to some of our best efforts to-day.

* * *

HERE is what John Johnson had to say about flowers, rules and ornaments, one hundred and six years ago: "*Flowers*: At one period flowers were held in the greatest estimation, and the skill and ingenuity of the compositor was often put to the test in forming devices to grace the head pages of his work; their disuse, of late years, may be attributed to either of the following causes: first, the heavy expense incurred in the purchase of them; secondly, the want of taste evinced by the founders in the selection of their patterns. A few years since, so great was the rage for novelty and alteration, that some printers were not content with merely the exclusion of flowers, but they stript their works of every article which had the least appearance of ornament . . . but this new-fangled rage did not long continue, and by degrees, rules have again resumed their necessary functions."

* * *

THE cycle of fashion inferred from Johnson's observations has repeated itself in our generation. We have passed again through the phases of rule work, embellishment, plain simplicity, flower device and we are on the threshold of a final era in rule decoration. Taking the trend of fashion another way, we have had our transitional periods of grouping, shaping, centring, squaring, and now we are back to what is essentially the grouping style under the guise of geometrical or architectural dressing or nomenclature. Mostly, style in modern typography is to be adjudged from the mass, from what comes most patently and prolifically before the common eye—in short what the practical printer still sums up as jobbing display, whether it be advertisement, publicity matter, commercial print or other. But even in book printing we shall see some of the tendencies of the day reflected. The modern title page will be flavoured after the fashion of the moment and especially in the selection of types which will hold a brief sway—which brings us to think that there is perhaps no set standard of typographic excellence except in so far as it hits off the mood of the moment.

* * *

A CORRESPONDENT of our contemporary, the *World's Paper Trade Review*, has written in his desire to be enlightened as to the derivation of the term "laid" as applied to the texture of paper. Here is a nice point which most of us had never thought of. We take "laid" for granted and know what sort of paper it implies, just as we accept "wove," though here there is close and understandable association with the "look-through" pattern, or really near approximation to weaving effect. The layman refers to "laid" paper as "ribbed"—a term that has a much more intelligible connection with looks than laid. Mr. Raitt, a prominent papermaking authority, referred to this question of "laid" in a very recent lecture on primitive papermaking, and set its origin down to the manner in which grass or wire ribs were laid close and bound together to form a mould on which early paper sheets were formed. We are afraid this theory does not settle the issue, or contribute much toward it. Somewhere there will be helpful and interesting reference to the term and for those who have the leisure there is the prospect of very fascinating investigation among the sources of mediæval lore. While about it, there is that other term, "yellow," as applied to the azure shade of laid papers. Where on earth is the relationship between "yellows" and the bluish colour of the papers which

carry the description?—remembering that when it came to wove papers of similar cast, the descriptive epithet azure has always been held by custom and tradition to be correct.

Personalia

THE Hon. Mary Berry, eldest daughter of Lord Camrose, was married at Long Cross, Surrey, on Wednesday of last week to Mr. Ronald Guthrie McNair Scott.

MR. ALLAN JEANS has been presented by the directors of the Liverpool Daily Post and Echo, Ltd., with a portrait of himself to mark the jubilee of the *Liverpool Echo*.

MR. W. J. BECK, on his retirement from the staff of the general printing department of Sir W. C. Leng and Co. (*Sheffield Telegraph*), Ltd., where he had been employed for 44 years, has received a presentation on behalf of the Chapel. The firm has granted him a pension.

MR. THOMAS MINSHALL, who has been in charge of the *Staffordshire Sentinel* machine-room for 28 years, recently retired on superannuation, and has been presented by all the staffs at the *Sentinel* offices with a portable wireless set.

MR. JAMES SYMINGTON, of Edinburgh, who has just completed his 77th year as a member of the Scottish Typographical Association, is regarded as the oldest trade unionist in Great Britain, being now in his 100th year.

MR. J. L. MAY, of Messrs. R. Hoe and Co., Ltd., will lecture on "Printing Machinery," at Stationers' Hall on February 14th, at 6.30 p.m. Mr. H. Wilson Howes will be in the chair at this meeting, which is open to all interested.

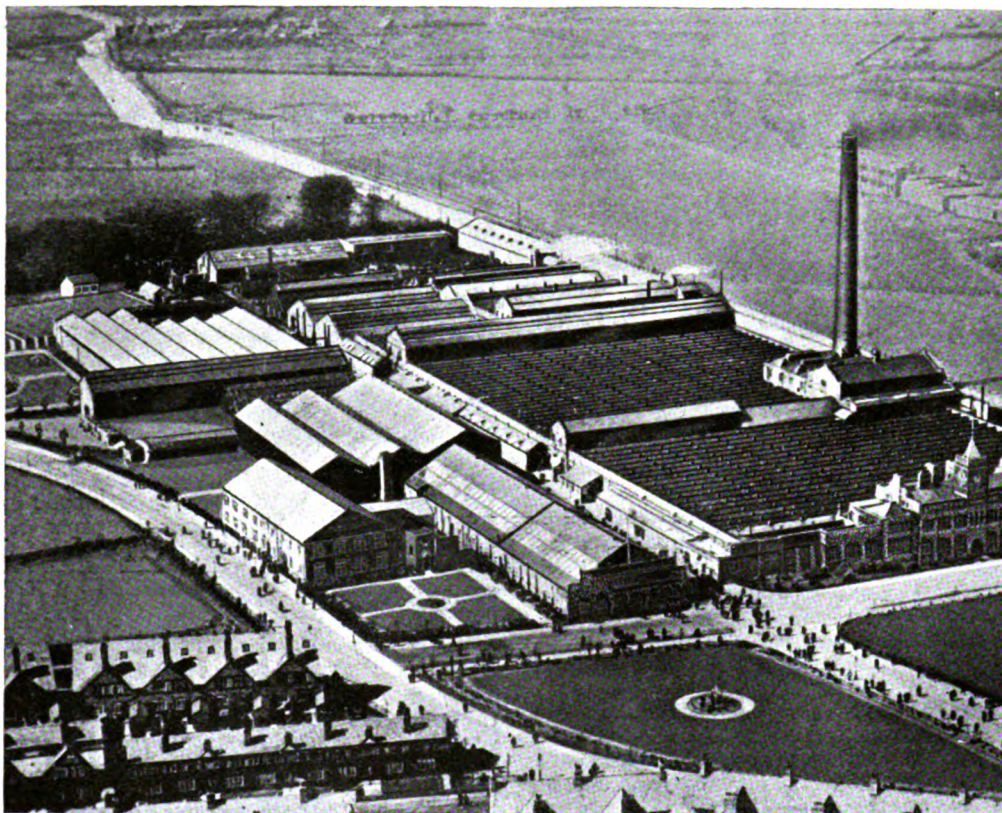
MR. A. E. HOLMES, secretary of the Printing and Kindred Trades Federation, spoke last Thursday on "Trade Union Ideals," to the members of the Ipswich Rotary Club at a luncheon at which Mr. A. E. Goodwin, Director of the Master Printers' Federation, was also a guest.

IN referring to rationalisation, with its concomitant amalgamations of firms, Mr. Holmes said that what trade unions wanted was not to retard industrial development, but to secure for their members adequate subsistence and the enjoyment of the pleasures of life.

MR. L. J. CUMNER (F.M.P. assistant secretary) will attend a meeting of the North-Western Alliance of Master Printers at Carlisle to-morrow (Friday), and during next week he will address meetings at several neighbouring towns. Mr. C. J. B. Pollitt (secretary, Kendal Association), Mr. J. Whitehead (secretary, Penrith and District Association), and Mr. J. E. Etchells are co-operating with Mr. J. B. Smith (Alliance hon. secretary) and Mr. Cumner in visiting printers in the area.

MR. T. WILSON PHILIP (secretary) will give an address on "The Typography of Advertisements" at the monthly meeting of the British Typographers' Guild at St. Bride's Institute next Tuesday. The president, Mr. Vincent Steer, will be in the chair.

MR. GEORGE TOMKINS, we regret to learn, has not been enjoying good health recently. Despite this he continues to put in a busy day as secretary of the Amalgamated Typefounders Trade Society.



THIS is an aerial view of the Works of Linotype & Machinery Ltd., in Cheshire, where over 2,000 work-people are regularly engaged in the manufacture of high-grade machinery for printers, including the Linotype, the Miehle, Centurette, **LM** Two-colour Letterpress Machine, **LM** Letterpress Perfector, **LM** Intaglio, and Autoplate machinery. ¶ In these Works skilled craftsmen convert the best of materials into the finest machines that printers can employ in their factories. From these Works also emanates a regular and complete service to users of **LM** machinery the world over.

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Humidifiers in the Pressroom

Printing Crafts Guild Lecture

Mr. John Taylor, president of the Printing Crafts Guild, gave a very interesting paper before the members in the College of Technology, Manchester, on a recent evening.

In the course of his remarks he emphasised that the contraction and expansion of paper are sources of great trouble to colour printers. Until a quite recent date it has been considered that to maintain a steady temperature of 65 degrees in the pressroom is all that can be reasonably expected of the printer, as his contribution in the fight against the problem of paper size variation. Whilst 65 degrees of temperature is very desirable, it is of greater importance that the relative degree of humidity should be controlled if the stability of the paper is to be ensured and the paper made less liable to be affected by stretch or contraction during the complete period of printing, from the first to the last colour, on tri-colour and other work demanding accurate register. Hygrometer tests demonstrate that even when temperature is constant, the vagaries of our English climate cause the degree of humidity in the atmosphere to vary considerably. It is the relative degree of humidity in paper that affects the contraction or expansion. If we accept this fact, the only logical attitude is to study how humidity in the pressroom can be harnessed and controlled. American printers are giving much attention to this subject and are adopting humidifiers in conjunction with suitable heating apparatus in order to maintain steadiness of both humidity and temperature. The use of humidifiers has greatly reduced register troubles in printing offices and has resulted in other advantages, not the least being the reduction of static electricity caused by friction on paper. The subject of artificial humidity in the pressroom is one which is deserving of thoughtful consideration and the time devoted to a study of it will be spent well and not without profit.

Mr. J. M. Galbraith (Old Trafford) questioned how it would be possible to regulate humidity in the pressroom so as to deal with paper gummed on one side, seeing that so many of the modern papers were coated with glucose and similar substances which had a strong affinity for moisture. The greatest difficulty was between closing down time on the Saturday and the re-opening time on the Monday in the average printing office which was not attended to during the week-ends.

Mr. J. E. Fletcher (Paisley) said he at one period watched the temperature of a well-governed pressroom, and the variations covered 30 degrees during twelve months, the temperature being as low as 45 degrees and rising to 75 degrees. What was desired was a steady supply of humidity during the whole period of printing.

Mr. A. Webb (Romiley) said there were great variations in printing offices in close proximity to one another. Recently he visited an office close to a railway and the steam from the engines passing to and fro and shunting caused the humidity to be constantly varying. At another office not far away which was near to the bank of a stream the moisture in the atmosphere was above the average.

Mr. Graham (Park) gave statistics of various temperatures. To get a really suitable atmosphere for printing the average $4\frac{1}{2}$ grains of moisture would have to be increased to $7\frac{1}{2}$ grains so that paper would be

Mr. Hall (Ashton-under-Lyne), who has studied and practised humidity for close upon sixty years, said that difficulties were made to be overcome and printing offices were no more perplexing than other businesses.

Mr. F. Scarisbrick (Darwen), who was in the chair and is an authority on humidity, said the first point was, "What percentage of moisture in paper is the right quantity for producing the best work?" Paper had a vegetable origin, being made from wood pulp—mechanical or sulphite—or esparto. The lithographer chiefly used chromo paper which was heavily coated and more absorbent than art paper. From a test recently made by hanging sheets in an open shed, he found that in three days the moisture increased from 8.11 to 28.15. For paper gummed at one side, experiments would have to be made to find out the critical temperature where the gum was solid and when it began to liquify. To mature the paper, it should be placed in a container with a fan at each end, the air being driven from the pressroom through the container to the outside of the building. Where the printing office was closed at night, without any special provision, it might be found effective to cut out the moisture an hour before closing time and in the morning have an attendant at the office an hour before the time for starting work in order that the correct temperature of the previous day could be established. The edges of paper should be guarded and flat papers were more likely to be affected by moisture than papers on reels. The cure was to bring the atmosphere and the paper into equilibrium by keeping the atmosphere constant. They should get an hydrometer, read it, watch it, while all was running well, and then calculate. They should not rely on the papermaker, as he could not control the physical properties of the paper or the atmosphere. The paper when it left the mill would be correct, but during transport a great change could take place, especially during wet weather.

WEE MAC.

Stereotypers' Auxiliary Concert

A very excellent musical programme and a full gathering were the outstanding features of a concert, held on Monday at Anderton's Hotel, Fleet Street, under the auspices of the Electrotypers and Stereotypers Auxiliary to the Printers' Pension Corporation. The chair was occupied by the London Branch Committee of the Society, and the plate realised £175. Efforts were directed to making the event definitely one in memory of the late Mr. G. K. Naylor (a past chairman of the branch), the purpose being to found a £25 pension in his name. The total amount collected as the result of the concert enables the Auxiliary to complete the eleventh pension.

Mr. W. C. Warren (general secretary, National Society of Electrotypers and Stereotypers) proposed a hearty vote of thanks to the chairman. The vote was seconded by Mr. A. Chadwell (Auxiliary president), replies being made by Mr. I. G. Maidment and Mr. W. J. Newman (chairman and secretary respectively of the London branch committee).

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The simple reason why *Winkler* users dominate quality printing almost to the point of monopolizing it, is that the *Winkler* Automatic Moulding and Drying Press incorporates certain engineering features which are *protected by patent* and therefore exclusive.

The *older model* of the *Winkler* Press has been imitated by several manufacturers, but it has never been equalled. The *new Winkler* Press—perfected and strengthened with infinite patience and unremitting zeal—is still many years ahead of any competitive achievement.

The *Winkler* is the *only* moulding press with automatic pressure release, and has other exclusive features.

The *Winkler* system of moulding consistently assures good pictures, clear and accurate in detail, and distinctive display matter, sharp and uniform in every letter. The solids *are* solid and the whites *are* white.

Whereas under other systems of stereotyping every kern of italic type in the forme is invariably broken, the *Winkler* System has made possible almost unrestricted use of italic which heretofore, for practical reasons, has been taboo for any but special use.

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Printers' Managers and Overseers

West of England Centre

The tenth annual dinner of the West of England Centre of the Printers' Managers and Overseers Association was held at Prince's Restaurant, Bristol, on Saturday evening. The local president (Mr. E. W. Bennett) was supported by several past-presidents and by visitors from the London, Liverpool, Yorkshire, and Birmingham Centres.

The toast of "The Printers Managers and Overseers Association" was given by Mr. W. G. Stone, secretary of the Bristol branch of the Typographical Association, who referred to the fact that the president of the National body had come from the little Somerset town of Wellington.

In his reply, Mr. A. T. Walters (president, P.M. and O.A.) spoke of the generosity of the Association towards its members and hoped that in future it would be extended. Managers and Overseers were the pivot between the employers and the workers, and if they were taken away chaos would result. The present prosperity of their trade was very gratifying to those who had for so long striven for unity, for unity and prosperity went together.

"Our Visitors" was submitted by Mr. Fred G. White, and Messrs. Corris (Liverpool), Harvey (Yorkshire), and Martin (Birmingham) responded, the last-named inviting the company to the coming-of-age celebration of the Birmingham Centre on Whit Saturday.

"The Chairman" was enthusiastically toasted, and there was an enjoyable programme of music during the evening, the arrangements reflecting credit upon the organising ability and enthusiasm of Mr. Fred G. White, the popular secretary of the Bristol Centre.

British Industries Fair

Stationery and Printing

When the British Industries Fair is held next month at Olympia, visitors will find that the Stationery and Allied Trades Section, which includes office appliances, paper, printing and publishing, shares the first floor of the Empire Hall—the new building which has been designed with particular reference to the needs of the Fair—with the Leather and Leather Goods Section. It also shares the gallery of the Small Hall, to which there is direct access, with the Fancy Goods Section.

The Stationery Section will occupy some 20,000 square feet, and will be one of the largest in the Fair. It will be particularly strong in exhibits of everything for the equipment and efficiency of the office.

The Federation of Master Printers is arranging a display to show the high standard of British printing in all its branches, including posters, pamphlets and catalogues.

The printing exhibits will include a well-known type composing and casting machine, smaller machines for printing, embossing and engraving, photographic printing exhibits, showcards, cut-outs and printing on metal.

There will be various paper exhibits, also manufactured articles such as account books, diaries, note-paper and envelopes, compendiums, the latest gift boxes of stationery, and advertising and carnival novelties.

Home Counties M.P.A.

Easter Tour of Belgium

An Easter tour of Belgium, from April 17th to 22nd, not only for the purpose of seeing the country, but also with a view to meeting prominent Belgian master printers, has been arranged by the Home Counties Master Printers Alliance. The idea of the expedition has aroused great interest throughout the Alliance and many have already stated their intention of joining the party, which is open to members of firms, directors, general managers, young master printers and their ladies. The provisional programme offers many attractions.

The party will arrive on Friday, April 18th, at Ostend, and proceed to Bruges where they will meet Mr. Edouarde Verbeke (formerly a pupil of Mr. David Greenhill, H.C.M.P.A. hon. treasurer) and his fellow master printers of Bruges, who will act as guides.

On Saturday, the party will travel to Brussels, to meet representatives of the British Chamber of Commerce in Belgium at lunch. The same afternoon the ladies will be taken in cars to some of the chief places of interest in the city, whilst the H.C.M.P.A. printers will meet the Belgium master printers for a short conference, to be opened by the president of the Belgian M.P.F., and by Mr. R. A. Austen-Leigh (past president of the Federation and a member of the Alliance). Mr. Wm. Maxwell (Federation president) will also take part. In the evening there will be a dinner with the Belgian master printers. The Sunday morning will be free until lunch time, after which there will be an excursion by cars to Malines (with possibly a carillon concert arranged especially for the benefit of the party) and Louvain.

On Monday, the train will be taken to Antwerp. A programme of great interest is being prepared by M. Chas. Stockmans, the director of the largest printing business in Belgium, whose son attended the London School of Printing. The Plantin-Moretus Museum will be the special feature of the programme. Staying Monday night in Antwerp, the party will return via Ostend on Tuesday morning.

Application forms, together with a letter explaining the arrangements have been sent out to members by Col. W. H. Barrell, president, H.C.M.P.A.

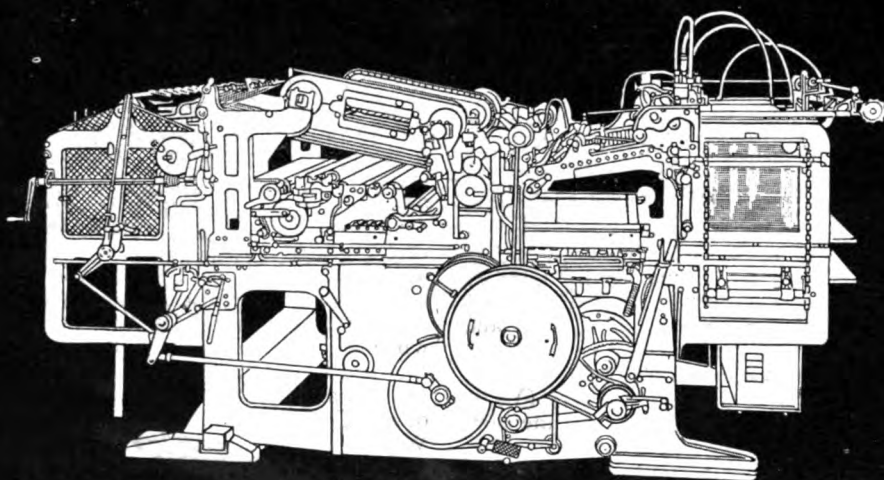
W. and N.W. London M.P.A.

The West and North-West London Master Printers' Association held a highly successful whist drive and dance on Monday at the Grafton Hotel, Tottenham Court Road, the evening's proceedings being presided over by Mr. S. N. Heron (president).

One of the outstanding features of the programme was a special welcome given to Mr. Alfred Langley, a valued member of the district Association, and at present president of the London Association, the feelings of the meeting being suitably conveyed to the guest of the evening by Mr. J. R. Burt. The latter, in his few remarks, touched on Mr. Langley's thoroughness and the valuable work he had done on the Council of the Federation. Mr. Langley, in returning thanks, referred to several matters of general trade interest.

During the evening a bouquet was presented to Mrs. Langley by Mrs. Heron.

The
**AMERICAN
 MIEHLE
 COMPANY'S PRESSES**



THE AMERICAN MIEHLE COMPANY'S HORIZONTAL

A FAVOURITE TOO

If phenomenally large sales and constantly recurring repeat orders be fair indications of popularity, then, assuredly, is The American Miehle Company's Vertical Press a Favourite.

By the same token, if first orders and repeat orders for The American Miehle Company's more recently developed Jobbing-Press, "The Horizontal," have been so great as to tax beyond capacity the resources of one of the best equipped Printing Machine Manufactories in the world, be any criterion, then may it be said that "The Horizontal" is a Favourite too.

The orders placed for "The Horizontal," on its first being publicly shown in America, were so unexpectedly numerous, that it is only now—more than a year and a half after the event—that The Miehle Company are able to begin to deliver to distributors machines ordered by them months ago, and to give the assurance that regular delivery within reasonable and practicable time can be relied upon.

The **MIEHLE PRINTING PRESS
 & MANUFACTURING CO. LTD.**
 2/3, SALISBURY COURT
 FLEET ST LONDON
 E.C.4.

East Anglia Printers' Readers

Annual Conference at Norwich

The annual conference of the East Anglia District, Provincial Guild of Printers' Readers, was held at Curat House, The Walk, Norwich, on Saturday, January 25th, with Mr. A. A. Oliver in the chair. There was an exceptionally good attendance of members present from Beccles, Bungay, and Norwich printing houses.

The secretary (Mr. W. E. Cooper) presented his annual report and headquarters correspondence, the latter embodying references to the system of examinations for all members of the Guild.

After full consideration it was agreed to hold the next examination at Bungay in March, a number of members signifying their desire to sit, and Mr. E. C. Woodhouse, the local representative, was empowered to take the necessary steps with regard to same.

A NEW UNION?

Considerable discussion arose on the present position of provincial printers' readers under the jurisdiction of the Typographical Association. A large number of members were convinced that a separate union was not only necessary, but, in the interests of all concerned, essential. Correspondence on this point dealt with the fact that at the present time a number of men were going about from place to place, styling themselves readers, and holding T.A. cards, who, as a matter of fact, had never had the elementary training in the printing trade requisite for even the initial stage of the profession. Ultimately the following motion was unanimously agreed to:—"The East Anglia District urges the national council of the Guild to press for direct representation on the Typographical Association executive council. If this should be found impracticable, steps should be taken to form a separate registered society."

OFFICERS ELECTED

The election of officers for ensuing year resulted as follows: President, Mr. A. W. Daynes (Norwich); treasurer, Mr. A. A. Oliver; secretary, Mr. W. E. Cooper; committee, Messrs. E. C. Woodhouse and S. Fiske (Bungay), H. Edwards and J. Hughes (Beccles); auditors, Messrs. S. A. Holland and C. A. Johns. It was agreed a chairman be elected at each place of meeting, in the absence of the district president. Messrs. W. E. Cooper and J. Hughes were appointed delegates to the National Council meeting, London, fixed for April 26th next.

After the business session visitors were entertained at tea by the Norwich "Press" readers' chapel, votes of thanks to acting officials being cordially passed.

The next meeting will be held at Beccles in May.

THE Electroplaters' and Depositors' Technical Society (associated with the Faraday Society) will hold a convention to-morrow, January 31st, at the Northampton Institute, Clerkenwell, E.C.1, commencing at 2 p.m. An exhibition, representative of modern scientific and practical advances in electro-deposition will be on view at the Institute during the day. The Exhibition is open to all interested in any phase of electro-deposition. At 4 p.m., Dr. W. Rosenham, F.R.S., will deliver an address on "Research and Practice," and at 7.30 p.m. a discussion will take place on "The Present Position of Chromium Plating."

Trade Union Matters

* MR. W. BOTTOMLEY (*Yorshire Post*) has been re-elected president of the Leeds branch of the Typographical Association.

† At a dinner, held in commemoration of the jubilee of the Reading branch of the Amalgamated Society of Lithographic Printers, about 60 were present. The toast of "The Amalgamated Society of Lithographic Printers" was proposed by Mr. W. J. Winterburn, the branch secretary, who gave a brief summary of the progress of the society since its formation in 1889.

At the annual general meeting of the Evesham branch of the Typographical Association last week, a presentation was made to Mr. F. Ovard, of the *Journal* staff in recognition of his assistance to the branch.

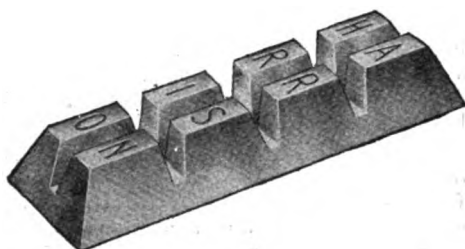
OVERTIME.—The secretary of the Warrington branch of the Typographical Association has asked for a ruling from headquarters as to the rate of overtime to be claimed by members who were asked to work one hour's overtime each night for a week. The management stated that the overtime, which followed immediately on the ordinary hours, was not during a recognised meal hour. The secretary has been advised to claim overtime pay at the rate of time-and-a-half in accordance with the provisions of Clause 6 of the Jobbing and Weekly News Scale.

"LONG NIGHTS."—The executive council of the T. P. graphical Association, in reply to a query from the Newcastle branch secretary, who asked if two "long nights" per week were permissible in a newspaper office in his branch, have informed him that overtime must be claimed for one of the nights. The paper has been published on a Friday, the T.A. members working a "long night" on the Thursday, and it is now proposed to publish on Wednesdays and Fridays, the proposal of the firm being to shorten the Thursday time to 9 p.m. and to lengthen Tuesday night.

T.A. AND A NEW MACHINE.—The secretary of the Liverpool branch of the Typographical Association has reported to the executive council on the introduction of a new machine into an office in his branch. The machine is about double royal in size, and will print book headings and rule the down lines in up to four colours at one operation. The work now being executed on the machine has hitherto been done in the machine-room and ruled by the ordinary methods. The machine, which is understood to be of German manufacture, is at present being worked by non-union workers, the Typographical Association being the only trade union represented in the office. The executive council, after consideration of the points mentioned, have decided that the composition and make-ready, including the setting of type, imposition, register, and adjustments on the machine and make-ready on the cylinder, should be done by members of the Association.

A FORTNIGHT'S HOLIDAY.—The secretary of the Stoke-on-Trent branch of the Typographical Association has forwarded to the executive council a resolution passed by that branch urging the council to bring about a scheme for the extension of the summer holidays to fourteen days with pay. The council have informed the branch that the Printing and Kindred Trades Federation are concerned with all questions of holidays, and that if the Stoke branch desire to do so, they can forward their resolution to be placed on the agenda for discussion at the coming delegate meeting.

E. J. HARRISON.
FOR FINEST



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COATED PAPERS**

That Printers know and
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LONDON

Please say you saw the Advertisement in BRITISH AND COLONIAL PRINTER AND STATIONER

Linotype and Machinery Limited

Head Office Staff Have a Night Out

The head office staff of Linotype and Machinery Limited were in jovial mood on Wednesday evening of last week, when they assembled at the Hotel Cecil for their annual dinner. A delightful evening's entertainment had been provided for them, which began with a reception by Mr. A. H. Pollen, chairman and managing director, who was accompanied by Mrs. Pollen, a cordial welcome being extended to the company on arrival. Then followed a banquet, which was not only excellent in itself, but was rendered the more enjoyable by selections of music. A few toasts followed and the evening wound up with dancing. The arrangements were complete in every detail and the 250 ladies and gentlemen spent a thoroughly delightful evening.

Mr. A. H. Pollen presided over the banquet, and others present were: Mr. V. E. Walker (deputy chairman), Mr. W. H. Lock (director), and Mr. A. E. Pain (secretary). A number of distinguished visitors also graced the proceedings, including: Lieut.-General Sir Wm. T. Furse, K.C.B., D.S.O., Mr. J. R. Cane, Mr. E. S. Daniells, Mr. G. W. Jones, Mr. R. W. Orcutt, Mr. Wallace Read, Mr. Dallas Ross, and Mr. Ernest Roughton.

TRIBUTE TO L. AND M.

Mr. G. W. Jones proposed the toast of 'Linotype and Machinery,' introducing his remarks by saying how pleased they all were to see Mr. Pollen with them that evening restored to health. (Applause.) Proceeding, Mr. Jones said to propose that toast was a big thing, because L. and M. stood for so much in the present day. There was scarcely a man, woman or child who was not influenced more or less by the activities of the company. There was scarcely a newspaper in this country that would appear on the following day—that was not mainly or almost entirely set up by the Linotype machine, and throughout the world that wonderful instrument enabled the printer to produce not only cheaper but bigger and better-printed newspapers. He would not have been there that night to say anything in favour of the Linotype machine if it did not give them something as good at least as the old types gave them. While he referred particularly to the Linotype, he was equally appreciative of the other wonderful products of the company. A very large part of the printer's work would be less easy of accomplishment were it not for the wonderful plant at Altrincham. Mr. Jones added that out of the fifty books which had been selected by the American Institute of Graphic Arts as representing the highest quality from every point of view that had been produced in the United States during the past twelve months, seven of those books had been produced by William Rudge of Mount Vernon, and of those seven, six were set on the linotype. (Cheers.) More than 50 per cent. of those Fifty best books were set on the Linotype. (Renewed cheers.) The speaker went on to refer to the administrative department of that great organisation, to which he applied the adjectives subtle, clever and imaginative, and to the erecting shops with their output of splendid pieces of machinery. The company knew not only how to buy and make, but also how to sell.

Eulogistic references were then made to the chairman, Mr. Victor Walker (deputy chairman), Mr. W. H. Lock, and to Mr. Tom Drake, of Altrincham, who was not present, but who was concerned with the honour and glory of that great concern. Mr. Jones also mentioned others who carried the name and fame of Linotype and Machinery Ltd. to the far corners of the world. He realised with pleasure that by that organisation he himself could be of service to that large group of which he was proud to be a humble member. (Applause.)

A GREAT TYPE DESIGNER

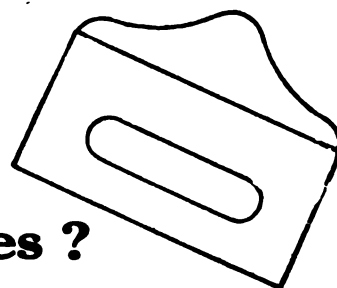
The chairman responded in a very eloquent speech. After thanking Mr. Jones for the very kind and flattering terms in which he had proposed the health of the company and for his touching references to himself, Mr. Pollen observed that in referring to the selection of the fifty best books in America, Mr. Jones had omitted one important part of the story. As they all knew, Mr. William Rudge was unquestionably one of the greatest printers in America and therefore one of the greatest printers, if not *the* greatest printer, in the world. He submitted certain books of his to the Selection Committee and, as they had been told, six out of his books were composed on the Linotype. What Mr. Jones did not tell them was that the matrices used in the Linotype machines were manufactured by Linotype and Machinery in this country and that the type faces were designed by the distinguished gentleman who had proposed the toast that evening. (Cheers.) He agreed with what Mr. Jones had said as to the triumph achieved by the Linotype machine, but it was a still greater triumph for the designer. (Loud applause.)

A FINE RECORD

Proceeding, the chairman described the products of Linotype and Machinery Limited as specialised goods. They did not aim at mass production of plain, simple ordinary things. They catered for the expert, for the artist, for the scientific producer. He added that there was not one daily newspaper in England that did not employ or use a Linotype machine. Their printing machines, again, were the highest grade of presses produced. At Olympia last year they saw that their products compared with any other make very favourably indeed. They knew from the returns of industrial production in this country how the company stood in relation to printing engineering. They produced between two-fifths and one-half of the whole of the printing manufactures of this nation. In ten years the turnover had greatly exceeded £10,000,000. (Applause.) They had paid £3,000,000 in wages at their factory during the ten years, and it was not without interest considering they had declared no dividend, that they had paid 15 per cent. on their wages bill in taxation and rates. It was a very significant fact that the shareholders of the company had not asked for any dividend during that time. They made a handsome profit, but every farthing had been re-invested in the business, so that they might employ more people, do more business and become a still more important British institution. (Cheers.) That was particularly

Do You Know!

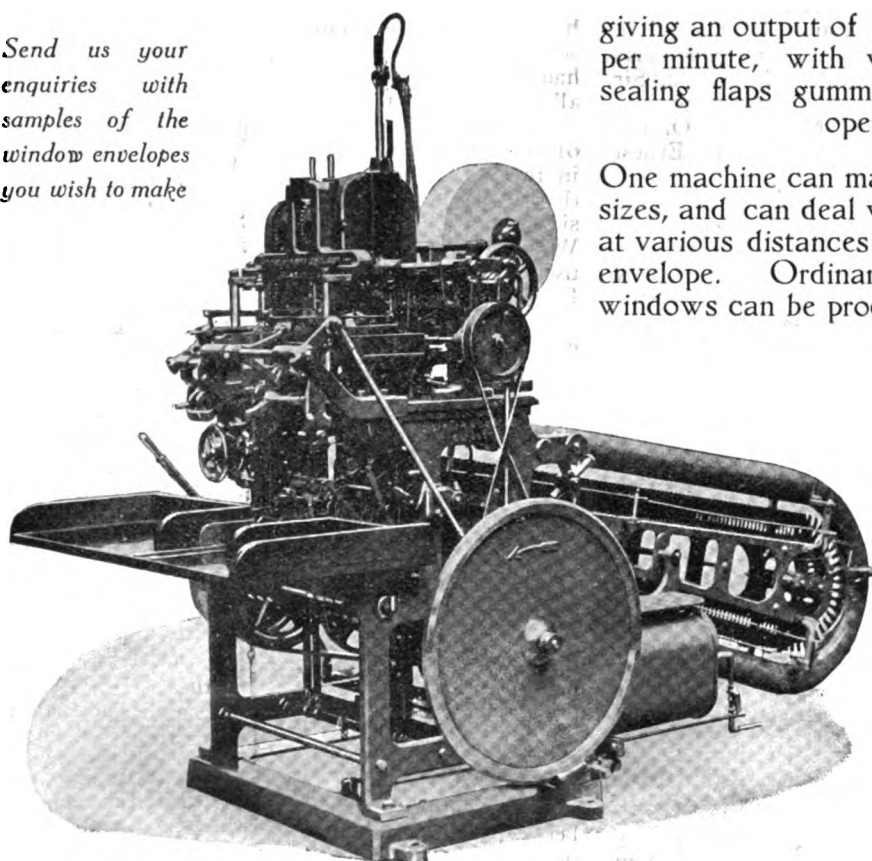
that the whole of the
commercial world
will soon be using



Window Envelopes ?

REAP THE BENEFIT of your own foresight by
installing immediately the **"LEADER" ADJUSTABLE
WINDOW ENVELOPE MACHINE**

*Send us your
enquiries with
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giving an output of 130 perfect envelopes
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One machine can make a range of different
sizes, and can deal with window openings
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31 Finnieston St., GLASGOW, C3

London representatives:—Dawson Payne & Lockett, Ltd., Dean St., Fetter Lane, E.C.4

Please say you saw the Advertisement in BRITISH AND COLONIAL PRINTER AND STATIONER

significant when they remembered that the shareholding of the company to the extent of 99 per cent. was in American hands. Mr. Pollen thought there could be no more self-sacrificing and no more noble conception of commercial duty, and he knew of no greater ideal for industrial success during his long experience of business in this country and elsewhere. From the weekly returns at the works, the chairman illustrated how the company had ramifications, not only throughout this country and the Continent, but throughout the world, particularly emphasising the Imperial contact of their great organisation.

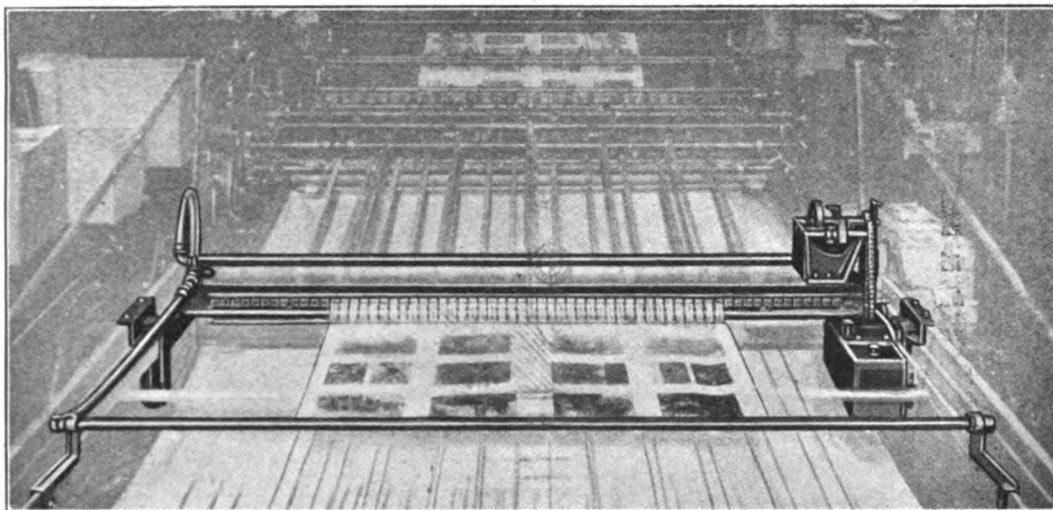
He went on to propose the toast of "Our Guests" and to refer in charming terms to Mr. Dallas Ross,

Paraffin Wax Spraying

Eliminating Set-off Troubles

The illustration and diagram which we are able to present herewith demonstrate the Grammer Paraffin Wax Sprayer, for which Messrs. Smyth-Horne, Ltd., have recently acquired sole manufacturing license and selling rights in Europe and India.

The object of the Grammer Sprayer is to eliminate all offset troubles on the delivery of either black, half-tone or colour sheets, and evidence of its efficiency is supplied by the fact that as many as 10,000 large



WAX SPRAYING EQUIPMENT (GRAMMER) ON A MIEHLE TWO-COLOUR PRESS

Mr. Wallace Read, Mr. Ernest Roughton, and to Mr. R. W. Orcutt, of the Mergenthaler Co., who, he observed, might become an associate of this company. If that was so, added Mr. Pollen, Linotype and Machinery would gain an extremely efficient, as well as an extremely charming, assistant. In a reference to Mr. Drake, the chairman described him as a man of enormous zeal, adding that upon the efficiency of their works a great deal of their prosperity depended. He closed by coupling with the toast the name of General Sir Wm. Furse, a member of a distinguished family.

Lieut.-Gen. Sir Wm. Furse acknowledged the toast in a very striking speech. He made a most eloquent appeal to all present to support with their interest and sympathy the great international effort now proceeding towards a reduction of the burden of the world's armaments. With regard to Empire markets, he thought the British manufacturer at the present time was not taking anything like the advantage he should of the marvellous market that was awaiting him inside the British Empire.

An interval followed the speeches, during which the tables were cleared in the Grand Hall for dancing, which continued until a late hour under ideal conditions.

MR. ROBERT DONN, caseroom manager, of John Leng and Co., Ltd., Dundee, has retired after 56 years' valued service with the firm.

size four-colour printed sheets can be piled one upon the other without the slightest set-off trouble.

Its construction embodies a bar, applicable to most types of printing press, which is stretched across the machine. After the last printing, and before piling or folding, paraffin wax, electrically heated to a liquid, is blown through very fine nozzles on to the travelling printed sheet. The warm wax, on meeting the sheet, crystallizes into very minute balls, which, on being piled, act as a cushion over each sheet and thus entirely prevent set-off. The tiny balls are transparent, and after printing completely disappear.

These wax sprayers can be used not only on two-colour revolution flat-bed presses, but also on rotary perfecting machines with or without folding attachment. It has long ago been proved by the many users of these wax sprayers that the wax spraying after the first colour does not at all interfere with the second colour, and it is possible to wax spray three or even more times without any set-off troubles.

The amount of wax used is so small that one ounce is sufficient to prevent all offset on four hundred square yards of four-colour work.

On heavy half-tone jobs of colour printing, the press can be run at a high speed, using the full volume of inking, and the sheets can be piled up to 10,000 one upon the other without the slightest set-off, thus doing away with all trouble and cost of interleaving, or using driers. Another very advantageous feature is that, on wax spraying the first colour, it prevents shrinkage or expansion of the sheet; that is to say the sheet is not

affected by changes of temperature, thus facilitating proper register. The process is said to be in successful operation on all classes of stock from glassine paper to carton board.

Not only has the Grammer Wax Sprayer met with enormous success in America, but Messrs. Smyth-Horne state that they have installed a number in such cities as London, Oslo, Paris, Berlin and Leipzig with wonderful results, in most cases receiving orders for several more. They are now busily engaged in building and getting together special tools and jigs for building the apparatus in this country.

New British Patents

APPLICATIONS

- Dausmann, C. F. Drying ink impressions in web presses. 1,354.
 Hart, H. (Mergenthaler Linotype Co.). Typographical line-composing machines. 1,555.
 Hartmann, C. W. Conveyor for cartons. 1,586.
 Hartmann, C. W. Apparatus for sealing cartons. 1,808.
 Knapp and Co. Envelope for printed matter. 1,703.

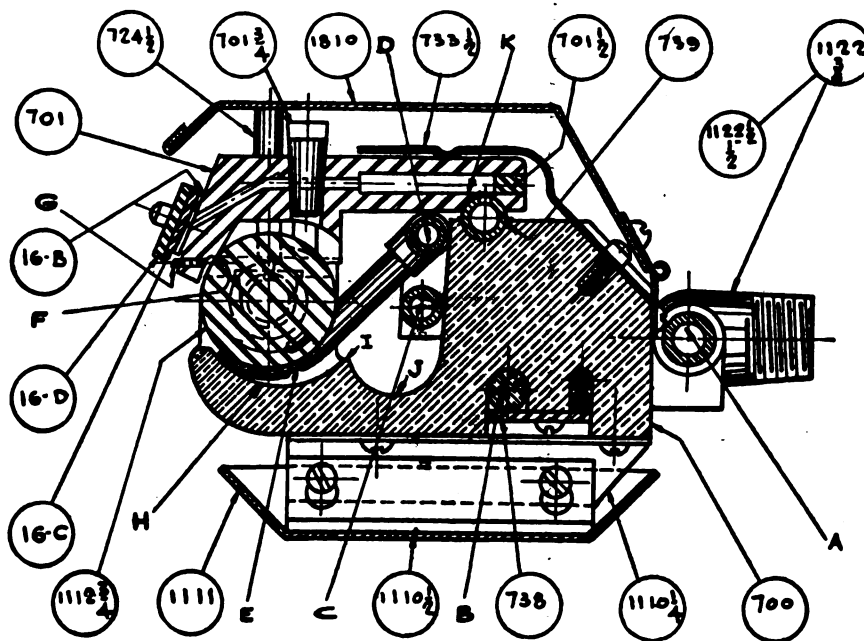


DIAGRAM TO EXPLAIN WORKING OF SPRAYER

The above diagram will help to make clear the construction and application of the sprayer. An aluminium bar extends across the press carrying the spraying nozzles, paraffin supply wells, etc. It has a container, pump and drive mechanism at one end, and a wheel (1112½) and nozzle (701) for each inch of travelling paper. This bar is set a few inches above the travelling paper. The various units of the device, as shown, are: B—Electrical heating unit; 739—Air supply; 701—Nozzle; 701½—Nozzle cut-out valve; 16-B—Air liner; 16-D—Protection plate; G—Atomizing tube; 1112½—Paraffin supply wheel; F—Shoulder for scraping paraffin off wheel; H—Paraffin well; I—Dam that fixes depth of well; D—Paraffin supply tube; J—Paraffin return to container.

Paraffin is pumped from container through pipe C to distributing pipe D and to opening E to well H, where it is picked up by wheel (1112½) and carried up to shoulder F, where it is scraped off opposite hole in atomizing tube G. Air is conducted through pipe (739) to nozzles (701) through drilled hole K to liner (16-B), where it is guided across the end of atomizing tube G, which creates a syphon action, pulling through the paraffin scraped off at F, and spraying it down on the paper. Surplus paraffin, pumped to well H, overflows dam I into passage J, and returns to reservoir.

- Wade, H. (Golrick). Printing plates. 1,302.
 Willis, L. W. Melting pots for line-casting machines. 1,222.

SPECIFICATIONS PUBLISHED 1928

- Meisenbach, Riffarth and Co. Akt.-Ges. Production of screen positives for use in making photo-mechanical printing surfaces. 302,887.
 Morris, E. T. Web cutting, associating and stapling mechanism for use on printing machines. 323,803.
 Murray, J. Book-lining machines. 323,889.

1929

- Miller Printing Machinery Co. Pneumatic separator-feet for use in sheet-feeding apparatus. 309,864.
 Nolte, K. Sheet piling. 315,402.
 Sapal Soc. Anon. des Plieuses Automatiques. Device for registering a printed web with respect to a cutting device. 306,957.
 Timmler, C., and Herdegen, C. Letter files and loose-leaf binders. 323,930.

COMPLETE SPECIFICATION OPEN TO PUBLIC INSPECTION BEFORE ACCEPTANCE 1929

- Brehmer Maschinen-fabrik Geb. Sheet pasting machines. 28,958.

Printers and Advertising Agents

A Printer's Outspoken Comments

At a luncheon of the Hull Master Printers Association on Tuesday of last week, with the Hull president, Mr. W. Pulsford, in the chair, Mr. W. H. Sessions, of the Ebor Press, York, spoke on "The Printer and the Advertising Agent." On this subject he has special qualifications to speak: on the printing side he is president of the Yorkshire Alliance of Master Printers, on the advertising side he is a Fellow of the Incorporated Society of Advertising Consultants, whilst, to link both these points of view together, he is vice-chairman of the Publicity and Selling Committee of the Federation of Master Printers. Mr. Sessions said, in part:—

GOOD AND BAD AGENTS

If I tried to sum up the advertising agent from the printers' point of view I should quote that character of the little girl:

"When she was good she was very, very good;

When she was bad she was horrid."

The good advertising agent is a man full of sound selling ideas, who goes out and persuades his clients, (note he has "clients" whilst we poor printers have only "customers") to adopt his ideas for the mutual benefit of his client's and his own businesses. He is a true friend and helpmate to the printer who, for every printing order which comes through him, when it would otherwise have come direct secures five for the printing trade, through his brainwork in suggesting new selling ideas needing printing. That such work which comes through the advertising agent brings him some profit is after all only a proper return for the brainwork he has put into it, and it is all extra work for the printer.

I have only condemnation for the bad advertising agent who simply factors printing orders, renders poor selling service to his clients, and is only concerned with picking up commission from newspapers and the printer. He is not only an enemy to the printer, but he is an enemy to the newspapers and to the good advertising agent. He has talk without ideas. He spends his client's money on unsound advertising methods, which do not bring results. Many a business man whose advertising expenditure would have grown and grown as the years passed by, is a confirmed non-advertiser, because his early efforts have been controlled by a poor advertising agent, who was merely a space pusher and printing factor and not a man of sound selling ideas.

It is largely through the poor advertising agent that there has been in the past rather a feud between the printer and the advertising agent. It is because this feud was really only against the mere commission-grabber that the Publicity and Selling Committee of the Federation of Master Printers has been trying to draw these two sections of the world of publicity closer together. I should like to pay a warm tribute to the chairman of that Committee, Mr. Alfred Langley, for his untiring efforts in this direction. It has not been easy work, for he has been looked at with suspicion on both sides, but he has stuck at it and made real progress.

Much still remains to be done. As a printer I believe that more could be done in direct advertising, but I recognise as well the value of newspaper advertising.

Yet a printer is told that, by some rule, unless his advertising department is larger than his printing, he cannot be put on the list whereby he can make a profit on any advertising he places for customers in newspapers. A one-man advertising agency can secure this, but under this strange rule a one-hundred-man advertising department of a printer is barred, if he has one hundred and one men in his printing department.

THE COMMISSION ANOMALY

This rule is sound in some ways, but the folly of it as applied to printers is best illustrated by the fact that an applicant is told he can get round it either by making some back-stairs agreement for a courtesy commission, or by the equally objectionable method of starting a pseudo separate advertising agency. I like straightforward methods and not back-stairs ones, and hope we shall not rest until we secure this legitimate concession for printers who are organised to give advertising service to their customers.

The present method is really against the true interests of the newspapers. A printer's advertising department has to justify its existence, in pulling its weight as regards the profits of the year; if profit by newspaper advertising is closed to it, it will naturally concentrate more on other forms of advertising to the loss of the newspapers.

If I have my growl, nevertheless I am satisfied that the work our Publicity and Selling Committee is doing in trying to improve the status of the printer in the world of advertising, is work which will be of real assistance to both the printing and the advertising industries. As a result of this work, the printer is coming to take a more prominent place in the advertising world and it is becoming more recognised by advertising men, both agents and the heads of advertising departments, that it is worth while to consult a printer.

THE PRINTER AS CONSULTANT

A good printer who knows his job can be of the greatest benefit even to an experienced advertising man. After all the test of any scheme of advertising is its cost per result and not its initial cost. The man who takes the cheapest price generally gets what he pays for. Sending round for estimates and taking the lowest is the finest possible way to secure the lowest initial cost. It is the poorest possible way to secure the cheapest cost per result. The printer who can be trusted to carry out ideas, who can be consulted, is always worth his price.

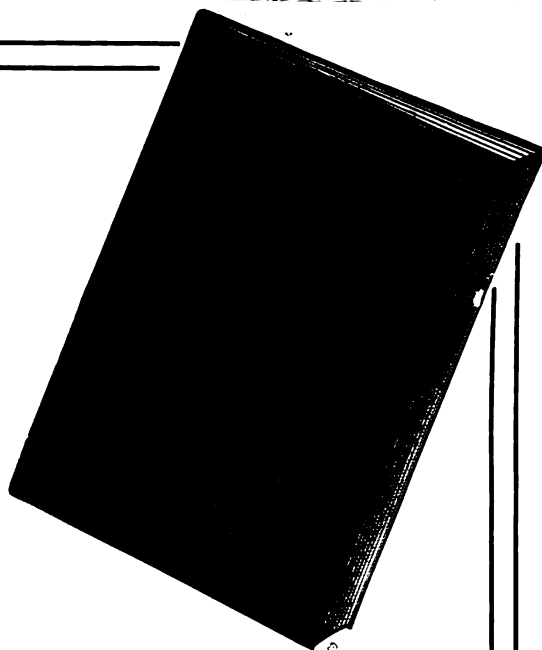
Let me come now straight to the point of what was really in your minds when you asked me if I could speak to you about the advertising agent and the printer—you really wanted me to open a discussion on how best to fight that slippery gentleman with the Grecian name you have given him, the Pseudo Advertising Agent. My answer would be to take a leaf out of the good advertising agent's book: sell ideas, not printing.

SERVICE VERSUS PRICE-CUTTING

The Federation of Master Printers has paid me the compliment of adopting a slogan I coined for printers:

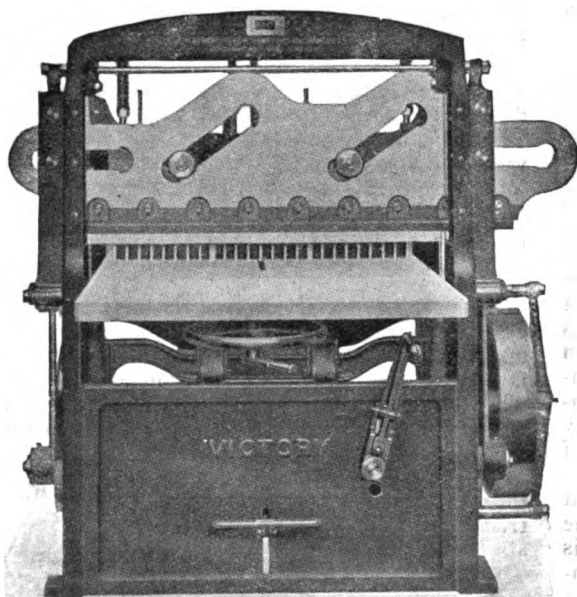
More Profit to you Better Envelopes for your Customers !

Good envelopes mean good business. The purpose of this book is to make envelope sales easier for you. It contains the prices and qualities of over 700 stock lines. May we send you a copy—
FREE ?



THORBURN, BAIN & CO., LTD.

The Broadwall Envelope Factory, Stamford Street, LONDON, S.E.



'THE HARDER THE CUT' —THE MORE IT CLAMPS!—

Is absolutely true of the 'Victory' Triple Geared Automatic Self-clamp Guillotine. Clamping and cutting are its two jobs, and it does them literally 'well and truly.' It holds any kind of material firmly without scoring, and every cut is true.

LONG LIFE

—
LOW
MAIN-
TENANCE
COSTS

—
STRONG

The clamp acts as a fulcrum to give the knife a lateral motion; the harder the cut, the more resistance—the greater is the clamp pressure.

SILENT AND
SMOOTH
IN
OPERATION

It is British made, its design and finish are of the highest standard, all parts are interchangeable, and it is made in four sizes :—32 inch, 38 inch, 42 inch and 48 inch.

THE VICTORY GUILLOTINE

VICTORY-KIDDER PRINTING MACHINE CO., LTD.

Blackfriars House, London, E.C.4

Telephone : CITY 1050

Please say you saw the Advertisement in BRITISH AND COLONIAL PRINTER AND STATIONER

customers, "Print more—Sell More." May I try my hand at one for printers themselves?—"Service, not Cutting."

I suppose I could take half the work away from any printer here present—you won't ask me to speak to you again if I make statements like that—but I suppose I could if I offered to do it for half your price. What use would that be to me or to anyone else? Anyone can secure every order, if he is prepared to lose sufficiently on it. We want to have a finer conception of our craft than mere price-cutting; and the

finest service we can render to our craft, to our customers, and in a time of sad and widespread unemployment, to the nation at large, is to sell ideas for the increase of the trade of the country. If we do that, we shall drive the Pseudo Advertising Agent out of business, and be as welcome as the roses in June in the offices of our customers and in those of the good advertising agents.

A vote of thanks to the speaker was proposed by the Lord Mayor of Hull and seconded by Col. Hall Walker, D.S.O.

Book Reviews

COMMERCIAL ART PRACTICE

COMMERCIAL ART PRACTICE: A WORKING TEXT-BOOK FOR ALL WHO PRODUCE, BUY, SELL OR USE ART IN COMMERCE, by Charles C. Knights and Frank E. Norman—Second Edition, Enlarged. Crosby Lockwood and Son, London; 180 pages, 9½ ins. × 7 ins.; price 10s. 6d.

The enthusiastic reception which "Commercial Art Practice" met on all sides has led the authors to produce a popular edition to meet the demands of students. They have also taken the opportunity to add a chapter on "Working Models and Cut-outs." Further illustrations have also been incorporated which greatly enhance its value and appearance.

In preparing the volume in the first place, the authors had in mind to a great extent the requirements of the art-school-trained artist entering the commercial art fields. The book definitely fulfills the needs of the student after his primary training at the art-school, and it is useful also to many others, including printers who wish to know as much as possible about printed publicity.

The first and second chapters deal respectively with the making and selling of the picture, and the authors then go on to deal with current printing processes, relief, planographic and intaglio. The artists' equipment is then dealt with, and chapters follow concerning half-tone colour work, combined line and half-tone, wood and steel engraving, lettering and type, advertisement layout for press, folders, mail cards, brochures, etc. The designing of posters, buying of blocks, and selling commercial art all receive attention.

Bound in stout buckram boards, the volume is profusely illustrated throughout, and is a good piece of book production.

PRINTING FOR JOURNALISTS

THE JOURNALIST'S MANUAL OF PRINTING, WITH LABORATORY EXERCISES, by Charles Laurel Allen. Thomas Nelson and Sons, New York and London; 270 pages, 8½ ins. × 5½ ins.; price \$2.75.

A sound insight into newspaper production on the technical side is a great asset to any student of journalism. It is an essential for the sub-editor, and may at any time be useful to anyone editorially engaged in newspaper production. At the same time, it may be said that knowledge of these principles is also the most difficult for a newspaper worker to acquire after he begins his professional career.

It is with a view to obviating this difficulty, more especially with regard to students of journalism in schools and universities, that "The Journalist's Manual of Printing" has been written, by Mr. Charles Laurel

Allen, who is an Associate in Journalism of the University of Illinois, and a member of the International Typographical Union.

Bearing in mind the fact that a printing text-book for the student of journalism must not lay too much stress on the mechanical side, and that a text-book designed especially for trade school instruction is obviously not satisfactory for such students, the author has produced a volume in which are emphasised only enough straight composition, distribution, and like operations as are needed to fix the possibilities and limitations of these processes in the mind of the student. Emphasis is placed upon printing types, their characteristics and correct uses; typographic harmonies and their part in governing type selection for all printing compositions; type measuring systems, and how they are used in practical type calculations; proof-reading as an asset to the editorial worker; the theory of operation of printing machines used in modern publication work; principles of printing design and display as they apply to newspaper work of all kinds; principles and printing problems involved in make-up; some knowledge of paper, inks, and the fundamentals of imposition, lock-up and presswork.

Headline composition and make-up are two of the most important factors to be considered in printing as applied to journalism, and Mr. Allen has dealt with these subjects at length, giving actual illustrations from the pages of America's national daily and provincial newspapers.

The author has added outlines of a useful series of exercises covering all chapters of the book, with suggestions to instructor and to student.

Throughout, the book is fully illustrated with diagrams, type-faces, machines, etc., and the absence of abstruse technical language is a good feature.

Our impression of the work as a whole is that it should succeed in enabling students to acquire a sound knowledge of newspaper production as seen from the "mechanical" side of the newspaper office.

A PHOTOGRAPHIC VADE-MECUM

THE BRITISH JOURNAL PHOTOGRAPHIC ALMANAC, 1930. Henry Greenwood and Co., Ltd.; paper covers, 2s.; cloth, 3s.

All who are interested in photography, either as a craft or as a hobby, will welcome the 1930 volume of "The British Journal Photographic Almanac," that wonderful year-book that appears to increase in usefulness and interest with each successive issue. The "Almanac" caters for all and is as indispensable to the expert as to the ordinary snapshotter, and the amateur will study with delight the descriptions of the

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The largest specialised Fair in the World—held in the "Deutsche Buchgewerbehaus" at Leipzig—for machines and trade requirements of the graphic and paper industry.

Machinery of the following classes will be on exhibition :—

High speed letterpresses, Lithographic presses, Rotogravure printing machines, Offset printing machines, Rotary presses, Platen presses, Plate stamping machines and jobbing hand presses, Machines for printing steel engravings, Stereotyping plants, Continuous paperfeeders, Ticket printing presses and machines for label printing, Type-setting machines, Bronzing machines, Ruling machines, Gumming and varnishing machines, Automatic folding machines, Stitching machines (all systems), Rapid cutting machines, Photo-mechanical machinery for process work, Plate grinding machines and Washing machines for composition rollers, Block-bottom bag machines and envelope making machines, Auto-knock-up machines, Book-binding machinery and allied trades. *Further :—*Wood utensils, Type and type metals, Colours, Bronzes, Machine-webbing, and all material for the graphic industry.

For full particulars apply to :—

The London Office of the Leipzig Fair, 1, Gower St., London, W.C.1
or to :—**Leipziger Messamt, Markt 4, Leipzig.**

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"CHROMORECTA" PROCESS

Negatives or positives colour corrected by the patent "Chromorecta" process possess life, energy, contrast, strength, and character, for making

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regardless of the number of colours to be used.

The "rights" of using this process can be secured from the proprietors of the patent on favourable terms for which a special license will be granted.

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newest things in cameras and appliances, while the specialist has put before him the latest methods, processes and formulæ of his craft. Its many examples of pictorial work, reproduced in photogravure, claim the interest of those to whom photography means picture-making, and there are helpful articles on "Interior Work," "The Use of the Hand Camera," "The Telephoto Lens," and other practical and technical subjects. To the old hand who has practised the art for the past fifty years or so, the twenty-five years reminiscences of the editor, Mr. George E. Brown, will be read with the greatest interest. The difficulties and troubles that beset the amateur, the scarcity of appliances and materials compared with the present lavish supply and the want of printed guidance are well set out, and the pioneers and leaders in the craft are not forgotten. Thus we have an account of Mr. W. J. Lancaster, of Birmingham, the man who more than anyone popularised photography as a hobby with his inexpensive cameras. Horsley Hinton, the founder of the cult of pictorial photography, and dear and lovable H. Snowden Ward, who did so much to forward the art in general, Sir William Abney, and Mr. Friese Green are brought to life again in these reminiscences. In addition to the foregoing, there is a full list of photographic societies and allied bodies in the British Isles, reviews of photographic literature, and numerous advertisement pages in which almost every maker of apparatus is represented. It contains 784 pages, with 64 pages of photogravure illustrations. The trifling cost of the book should be saved many times over by the instruction which the purchaser receives from its very comprehensive pages.

BOOK PRODUCTION

DIE HERSTELLUNG VON BÜCHERN UND ZEITSCHRIFTEN, von Fritz Schröder. C. E. Poeschel Verlag, Stuttgart, Germany. 378 pages, plates, etc., 9½ ins. x 6½ ins. R.M. 24.

The printer who reads German, particularly if he has to deal with German authors or customers, will find in this book a useful general outline of present-day printing-office practice in the production of books and periodicals.

In Part I, "Technischer Teil," the reader is first introduced to the main differentiations of printing processes, then given an insight into the elements of letterpress printing, hand composition, machine composition, stereotyping, and the principal classes of printing machines. Illustrative processes are then given instructive consideration, including line and half-tone blocks and their modifications, with woodcuts and electros and stereos. Lithography and offset are next briefly treated, together with several minor reproductive processes, and then gravure and collotype. Over twenty pages are next devoted to bookbinding, a good general insight being provided into modern commercial practice. This section of the volume ends with a review of paper, its manufacture, characteristics and suitability for the various printing processes.

In Part II, "Praktischer Teil," the actual production of printed matter is dealt with, and advice is given regarding choice of processes to be used for text and illustrations, taking into consideration the nature of the matter available for reproduction. The subject of typography is next treated at some length, including choice of type and decorations, design of pages, etc., and then we pass on to consider the preparation of the manuscript, casting-off, and the many other details that

lie between the author's manuscript and the collating of the printed pages for binding. Other matters dealt with include the question of costing as it applies to book design and estimating. A bibliography of German literature on the subject is added, and an index.

A useful appendix includes examples of different photo-mechanical screens, specimens of printing by various processes, sample book pages, etc.

Herr Schröder's book appears to us to be an admirable review of a very wide field. The volume is well and freely illustrated. Bound in stout buckram boards, it makes a creditable piece of book production.

Government Contracts

H.M. STATIONERY OFFICE

Contracts were placed with the following firms during December:—

Printing, Ruling, Binding, etc.: Division I (1930)—Scotland—Letterpress Bookbinding: Henderson and Bisset, Edinburgh. Group 3 (1929)—Northern Area—Jobwork Printing: T. Owen and Son, Oswestry. Group 4 (1929)—Northern Area—Jobwork Printing: M. Carr and Co., Manchester. Group 326 (1929)—Bookwork Printing: C. Tinling and Co., Ltd., Prescott, Lancs. Group 327 (1930)—Bookwork Printing: H.M. Stationery Office Press, London, S.E. Group 612 (1930)—Jobwork Printing: T. Beatty Hart, Ltd., Kettering. Group 613 (1930)—Jobwork Printing: Wyman and Sons, Ltd., London, E.C. Group 614 (1930)—Jobwork Printing: Howard, Jones, Roberts and Leete, Ltd., London, E.C. Group 615 (1930)—Jobwork Printing: Foy Allom (Printers), Ltd., London, N. Group 616 (1930)—Jobwork Printing: Howard, Jones, Roberts and Leete, Ltd., London, E.C. Group 904 (1930)—Customs Bills of Entry, Liverpool. Group 905 (1930)—Customs Bills of Entry, Clyde and Forth: C. Vernon and Sons, Ltd., Liverpool. Group 906 (1930)—Customs Bills of Entry, Hull: Grassam and Sons, Ltd., Hull. Group 907 (1930)—Tobacco Labels: Harrison and Sons, Ltd., Hayes, Middlesex. Miscellaneous Printing for the Air Officer at Halton: G. T. De Fraime and Co., Ltd., Aylesbury.

Cloth Bookbinders: Mills and Co., Manchester.

Envelopes: A. B. Swain and Co., Ltd., Ware, Herts.

Machines, Printing: Harrild and Sons, Ltd., Otley, Yorks.

Envelopes.—A. B. Swain and Co., Ltd., Ware, Herts.

Paper.—Caldwell's Paper Mill Co., Ltd., Inverkeithing, Fife; Disley Paper Mill Co., Ltd., Disley, near Stockport; Wm. Nash, Ltd., St. Paul's Cray, Kent; Roughway Paper Mills, Ltd., Tonbridge, Kent; Ryburndale Paper Mills Co., Ltd., Ripponden, near Halifax.

CROWN AGENTS

Linotype Machinery: Linotype and Machinery Co., London, W.C.

Stationery: Waterlow and Sons, Ltd., London, E.C.

Cardboards.—Tullis, Russell and Co., Ltd., London, E.C.

Drawing Materials.—W. F. Stanley and Co., Ltd., London, W.C.

Paper.—The London Paper Mills Co., Ltd., London, E.C.

American Printing Schools

Mr. Riddell's Remarks Cited

Reference to criticism of American schools of printing, made by Mr. J. R. Riddell in a recent address reported in the *British and Colonial Printer*, is made by *Printing*, the U.S.A. weekly trade journal.

Mr. Riddell said: "There are nearly 5,000 printing schools in the United States and Canada and of these perhaps five or six are capable of giving that instruction which will help the printer to become more efficient. A tremendous amount of money is being spent on plants for the schools, and the buildings to house these plants but it often happens that boys cannot get jobs when they have finished their training."

The comment of *Printing* on this statement is as follows:—

"The 'five or six' criticism may not be exactly in order, but in a great measure, Mr. Riddell's comments concerning the teaching of printing in the public schools of this country are justified. However, Mr. Riddell may take solace in the knowledge that America has recognised this condition—both employers and the unions alike—and for the past few years has taken steps to improve the system. In New York City the situation is controlled to a great extent through

the joint co-operation of the Board of Education, the employers and the unions. Baltimore and other large cities have also taken steps to remedy matters. But such control must spread into the highways and byways of the land of the free before its effect is felt by the entire printing industry."

Eyre and Spottiswoode Dinner

The two branches of Messrs. Eyre and Spottiswoode, Ltd. (City and Shacklewell), held a combined dinner and dance for the first time on Saturday at the First Avenue Hotel. Some 170 people were present, and the function was presided over by Mrs. Briscoe Eyre, who is over 80 years of age. Amongst those present were Mr. R. Andrew Spottiswoode, Major J. S. Crosthwaite-Eyre, Mr. G. Orford-Smith and Mr. J. E. Pearson.

After an excellent dinner a few brief speeches were made reflecting the happiness of the occasion. At the conclusion of the dinner an enjoyable concert was held, and this in turn gave way to a carnival dance, which lasted well on towards mid-night. At a convenient pause in the evening's proceedings, prizes were presented by Mrs. Eyre to the successful competitors in the various sports events held by the firm.

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LOOSE LEAF METALS

FOR STATIONERY AND BOOKBINDING TRADES

We manufacture Loose Leaf Metals of every description. Send us your specification or sample—We will quote.

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TRADE LINO SETTING

A Printer says:—

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BEST WORK from 1/3 1000 ens

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in Labour-Saving Lengths—10/- Fount

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Publisher of the CENTURY READY-RECKONER
Demy 8vo. 100pp. Full cloth 5/-

Country News

ABERDEEN

THE death occurred suddenly last week of Mr. John B. Taylor (56), Aberdeen, a heart attack supervening upon a cold. Mr. Taylor served his apprenticeship as a compositor with Messrs. Geo. Cornwall and Sons, Castle Street, Aberdeen. Some twenty years ago he acquired proprietorship of the local firm of W. and W. Lindsay, printers and wholesale stationers, and worked steadily to develop the business. In trade circles he was very well known, and much respected.

In the course of a series of articles dealing with Aberdeen industries last year, the *Aberdeen Press and Journal*, in commenting on the printing industry, says that so far as the general jobbing business in Aberdeen is concerned, business was somewhat dull and featureless throughout the year, up to the last month or so. The filip which came to the trade then is keeping most of the jobbing offices busy at the moment. While it is hoped that this state of affairs will continue, there is no definite indication as to what business will be like in the new year. The houses concerned in book printing exclusively report that business during the past year has not at all been satisfactory, and there are no signs of a more prosperous state of affairs. In the calendar-making branch of the business, reports are satisfactory to this extent, that matters have been no worse than in 1928.

BELFAST

MR. MURRAY RICHARDSON, who has died at Belfast at the age of 75 years, was the principal of the printing, stationery, and newsagency firm of Messrs. Murray Richardson and Co., Ltd., Dungannon, which has been carried on by the family for over a hundred years.

BLACKPOOL

THE contracts for 1930 for printing the Official Guide to Blackpool, amounting to 80,000 copies, has been given to the Blackpool Gazette and Herald, who will do the work in their lithographic department.

BOLTON

THE Bolton *Evening News* has just made an important improvement by enlarging its text type. The change is from a minion type face on a brevier body to brevier face on a bourgeois body. Announcing the fact to its readers, it points out that the change involved a very busy week-end in the *Evening News* office. The 20 Linotype machines all had to be adapted to the new size, moulds and knives being changed, whilst over 20,000 type matrices, costing 4½d. each, had to be scrapped, and the same number of new matrices put into the magazines. This had to be accomplished in less than 40 hours. Moreover, a new four-lead rotary press is being installed, so that larger issues can be produced at the same rate per hour as at present.

COLCHESTER

THE funeral took place at St. Giles' Church, Colchester, on January 23rd, of Mr. Charles Wm. Burfield, aged 80, the oldest working compositor in Colchester. He served his apprenticeship on the *Essex County Standard*, Colchester, and then went to Fleet Street and afterwards to Cambridge and Chelmsford, before returning to Colchester to the *Essex County Telegraph* in 1892. Wreaths were sent by the directors and the employees of the latter newspaper, who were also represented at the funeral.

EDINBURGH

MR. LAURENCE SMITH, Edinburgh, submitting the Technical Education Committee report, at a recent meeting in Edinburgh of the Federation Council of Grocers' and Provision Merchants' Associations, said that they should endeavour to set up apprentice training committees with a national application in the same way as other trades, notably the printers, had done. For some years, he said, printing in Edinburgh had been in a very bad way, but the printers had started apprentice training committees and spent thousands of pounds on equipment. They had also made it a condition of apprenticeship that the student should spend a whole day in the technical college, and he was assured that this had been the salvation of the printing trade in Edinburgh. The same could be done in connection with the grocery trade.

HALIFAX

A BREACH of the Factory and Workshops Act was admitted by Messrs. Stott Brothers, printers, Lister Lane, Halifax, who were summoned for failing to limewash their factory every 14 months in accordance with the provisions of the Act. It was stated that Messrs. Stott Bros. were one of the leading firms of stationers and printers in the North of England. They were so busy that they found it impossible to close down their works even during the Wakes week. The chairman, announcing a fine of £5, said that limewashing was an inconvenience to every firm.

IPSWICH AND COLCHESTER

A DISTRICT Committee of the Joint Industrial Council of the Printing and Allied Trades has been formed for Ipswich and Colchester, consisting of ten employers and ten employees with joint secretaries as follows: — *Ipswich*. — Employers, Messrs. C. Baines, H. Hanson, C. Harrison, H. Brown, and — Smith, Secretary Mr. C. Hanson; employees, Messrs. L. Summers, A. Baxter, — Lamb, T. Holmes, A. Walker, Secretary Mr. E. Calver; *Colchester*—Employers: Messrs. C. T. Gale, C. Newnum, A. K. Beaven, N. G. Jenkinson and C. Hervey Benham, Secretary Mr. Harold A. Cross; employees: Messrs. T. Wilcox, G. Perry, R. Damerell, H. J. Taylor and J. Deal, Secretary Mr. S. A. Ford.

KIDDERMINSTER

IN Kidderminster Museum last week a striking exhibition of the works of modern presses was arranged through the Mayor, Councillor G. S. Tomkinson, who is well known as a connoisseur. Two years ago he issued a standard book on the subject, "A select bibliography of the principal modern presses, public and private, in Great Britain and Ireland." His own private collection of these rare and beautiful books is unique. The exhibition contained many beautiful examples of modern press works; Ashendene, Kelmiscott, Doves, as well as many of the smaller and less known presses. Alongside these modern books were placed specimens of early printed books, to reveal how little the art of printing has changed during the centuries.

SALTBURN

THAT newspapers would be bigger than ever in the future and that a day would come when they would be bright and gay with coloured illustrations was prophesied by Mr. F. Lawrence Johnson, assistant editor of the *North Eastern Daily Gazette*, in an address the other day at the Saltburn Rotary Club's weekly luncheon. One reason why newspapers would be bigger would be the increase in the amount of advertising.

PRINTERS' SUPPLY HOUSES

A BUYERS' GUIDE EFFICIENT SERVICE

BRONZING MACHINES

LACO-MASCHINEN-FABRIK Paul Tschentscher, Leipzig, W. 33 (Germany) supply Bronzing machines with sevenfold dusting


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CARLAW, DAVID, & SONS, LTD., 31, Finnieston Street, Glasgow. High Speed Adjustable Envelope making Machines for all sizes and shapes; Blank Cutting Machines; Cutters; Embossing Machines, etc.

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CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C. 4. ('Phone Cent. 1165). The "Cleveland" and "Camco" series. A Folder for every need, from Eight Crown down to Demy Folio

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 **C**RABTREE, R. W. & SONS, LTD., Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.


GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C. 1. Makers of Offset Machines, Single Colour—Demy Folio to Extra Eight Crown. Two-Colour and Perfecting Double Demy to Extra Eight Crown. Transfer Presses and Graining Machines.

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H.T.B. LTD., Blackhorse Lane, Walthamstow, E. 17. Sole Manufacturers and distributors of H.T.B. Full Automatic and Semi-Automatic FEEDERS. Telephone Number Walthamstow 0211.

CCROSS PATENT AUTOMATIC FEEDER. Manufacturers and Sellers; Cross Paper Feeder Co., Ltd., 92, Fleet Street, E.C. 4

 **"E**LESS" PILE AUTOMATIC FEEDER. Sole selling Agents for Great Britain and Colonies, R. W. Crabtree & Sons, Ltd, Water Lane, Leeds.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Klein & Ungerer British Sales Agent:—A. J. Dronsfield, 25, Lime Street, E.C. 3. 'Phone: Monument 4002

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HOE & CO., LTD., R., 109, Borough Road, London, S.E. 1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C. 4. 'Phone: Central 3839. "LIGHT'S" EVERWEAR." Press Rubbers. Oil and Ink-Proof and Reversible.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C. 2. Printers in Russian, Polish, Czechoslovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTG. METAL MANUFACTURERS

OIDAS METALS CO., LTD., 3, New London Street, E.C. 3. Telephone: Royal 7791. Specialists in the Manufacture of Lino, Mono, Stereo and all Type Metal. Specifications absolutely guaranteed. Reasonable Prices.

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CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C. 4. ('Phone Cent. 1165). The "Kelly" High Speed two rev. presses.

JOHNSON & WM. BURT & SONS, LTD., 156, Caledonian Rd. London, N. 1 (Tel: North 3487/8) Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.

London Agents for Ratcliff's "Reliable" Direct Rotary, Rotary Offset and Tin Printing Presses.

ROLLER COVERINGS



MINTON, LOUIS, Trevelyan Buildings, Manchester. LITHO INKERS, DAMPERS, VARNISHING, LETTERPRESS, DIE-STAMPING, NEWSPAPER, ETC.

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 **C**RABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

ROTARY WEB PRESSES

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LARGEST MANUFACTURERS OF HIGH SPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

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HOE & CO., LTD., R., 109-112, Borough Road, London, S.E. 1. Tel.: Hop 6604. Telegrams: Expugnator-Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

STEREO DRY FLOING

DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXON TYPE" THE ONLY BRITISH MADE DRY FLOING. Also Tissue Blotting and Backing for Wet Process.


LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. 'Phone: Central 3839. "IDEAL" Dry Floing for Hand-casting and "CLEAR-TYPE" Dry Floing for Machine Casting.

STEREOTYPING MACHINERY, ETC.

 **C**RABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. ROTOPATE (Reg. TradeMark) and ROTOSHAVER Casting and Finishing Machines.

LIGHT & Co., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. Sole Agents for the "WINKLER" Automatic Moulding Press, Automatic Plate Casting Machine, etc.

TINPLATE DECORATING MACHINES

 **C**RABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C. 1. Makers of "Rapid" Tinplate Decorating Machines with Semi-Automatic Pile Feeder, Tin Varnishing, Coating and Lacquering Machines.

Commercial Review

Current Share Prices

Allied Newspapers ord. 25s. 10½d., 26s. 3d., 8 p.c. cum. pref. 21s. 3d., 5½ p.c. 1st deb. 90½; Allied Northern News papers 6½ p.c. deb. 90½; Anglo-Foreign Newspapers (5s.) 1s. 3d., 1s. 4½d., defd. (1s.) 1½d.; Amalgamated Press 7 p.c. cum. pref. 17s. 3d., 17s. 10½d.; Argus Press Holdings 23s. 3d., 7½ p.c. pref. 18s.; Associated Newspapers 22s. 6d., 23s. 9d., defd. (5s.) 3½s. 4½d., 5 p.c. cum. pref. 17s. 3d.; British Glues and Chemicals (4s.) 4s. 9d., 8p.c. cum. pref. 19s. 9d. xd.; Daily Express Building 6 p.c. 1st deb. 94½; Daily Mirror Newspaper (5s.) 25s. 9d., 25s. 3d., 8 p.c. pref. 26s. 0½d., 26s. 1½d.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 103½; Thomas De La Rue 10s.; John Dickinson 41s. 9d., 42s., 5 p.c. cum. and pref. stk. 8½; Financial News 6 p.c. 2nd pref. 14s. 6d.; Financial Newspaper Proprietors 16s. 6d., 17s.; Financial Times 30s. 10½d., 30s., 7 p.c. cum. pref. 20s. 3d.; Hutchinson Printing Trust 7½ p.c. partg. 1st pref. 13s. 9d.; Ilford 53s. 9d., 6 p.c. cum. pref. 20s.; Illustrated Newspapers 10s. 7 p.c. cum. pref. 14s. 6d.; Kelly's Directories 6 p.c. cum. pref. 21s., 7½ p.c. cum. pref. 22s. 3d., 22s. 6d.; Lamson Paragon 18s. 3d.; Lanston Monotype Corporation 35s. 7½d., 35s. 6d.; Linotype B deb. 70½; George Newnes (10s.) 23s. 3d., 23s. 6d., 5 p.c. cum. pref., 16s., 7 p.c. 2nd cum. pref. (10s.) 9s. 3d.; Northcliffe Newspapers 5½ p.c. deb. 96, 95½; Odhams Press (4s. shares) 6s. 9d., 6 p.c. pref. 15s., 7½ p.c. A pref. 19s. 3d., 6½ p.c. deb. 99; Sunday Pictorial Newspapers 8 p.c. cum. pref. 24s.; Raphael Tuck 31s. 6d.; Waterlow and Sons def. 37s., pref. 20s.; Weldons pref. ord. (10 p.c. cum.) 13s. 3d., 6 p.c. cum. pref. 11s. 10½d.; Winterbottom Book Cloth 74s. 4½d., 6 p.c. pref. 20s. 7½d.; Wyman and Sons 51s. 6d., 7 p.c. cum. pref. 22s.

Dividends and Reports

LIVERPOOL DAILY POST AND ECHO, LTD.—Final dividend on the ordinary shares of 3s., payable less tax, on February 15th; £100,000 to reserve; £20,674 carried forward.

HUGH STEVENSON AND SONS.—Second report since capital reduction shows trading profits of £72,387 for year to September 30th, against £60,297 for previous year, and £48,405 for 1926-27. Net profit is £54,598, and available total £58,346. Dividend of 6d. per share, less tax, on preferred ordinary shares, as before.

GEORGE OUTRAM AND CO.—Profit of these Glasgow newspaper proprietors for 1929, £186,495. Final dividend 7½ per cent., plus bonus 7½ per cent., making 22½ per cent. (unchanged).

New Companies

L. BROWNING AND CO., LTD.—Capital £1,500 in £1 shares (500 7½ per cent. cumulative preference, 990 ordinary and 10 deferred); to carry on the business of manufacturing stationers and general and commercial printers as formerly carried on by L. B. Panchaud at 17, Albion Buildings, Bartholomew-close, E.C.1. Private company. Directors: L. B. Panchaud and A. A. Dawes. Registered office: 17, Albion Buildings, Bartholomew close, E.C.

RYMANS PUBLICATIONS, LTD.—Capital £100 in £1 shares; publishers, printers, advertising contractors, designers and manufacturers of advertising specialities, etc. Private company. Subscribers: A. M. Ryman and J. L. Williams (director). Registered office: Imperial House, 80 86, Regent-street, W.1.

POTTERY PUBLISHING CO., LTD.—Capital £100 in £1 shares; stationers, printers, lithographers, electrotypers,

etc. Private company. Directors: H. T. Robinson and J. V. Goddard. Registered office: Cauldon Works, Stoke-on-Trent.

MACFADDEN PUBLICATIONS, LTD.—Capital £2,000 in £1 shares; publishers, compilers, producers and owners of books, newspapers and periodicals, etc. Private company. Subscribers: E. Rudland and E. J. Alldis. Registered office: Aldwych House, Aldwych, W.C.2.

VICTORIA MUSIC PUBLISHING CO., LTD.—Capital £50 in 1s. shares; publishers and sellers of musical compositions, music publishers, music printers, etc. Private company. Directors: L. Dreyfus, L. Sterling, M. Dreyfus and A. Claverling. Registered office: 50 New Bond street, W.1.

ROY WILSON AND DICKSON, LTD.—Capital £25,000, in £1 shares; merchants and manufactures of tanning materials and extracts, etc. pulp and materials used in the manufacture or treatment of papers of all kinds, including cardboards, millboards and wall and ceiling paper, etc. Private company. Directors: R. Wilson and C. Dickson. Solicitors: Pritchard and Sons, 2, 3 and 4, Billiter-avenue, E.C.3.

Mortgages and Charges.

BOYLE, SON AND WATCHURST, LTD. (printers and stationers, etc., London).—Satisfaction in full on November 29th of debenture dated February 27th, and registered February 28th, 1929, securing all moneys owing to Lloyds Bank, Ltd.

C. H. PEACOCK, LTD. (newspaper proprietors, etc., Watford).—Satisfaction to the extent of £2,000 on January 11th, 1930, of debenture dated January 31st, 1928, and collateral charge of same date registered February 3rd, 1928.

ROADWAY TIME TABLES, BOOKINGS AND PUBLICATIONS, LTD.—Particulars filed of £45,000 debentures authorised November 15th, 1929, charged on the company's undertaking and property, present and future, including uncalled capital, the amount of the present issue being £12,000.

R. A. PUBLISHING CO., LTD. (London).—Particulars filed of £1,000 debentures authorised December 9th, 1929, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued.

LAWRENCE BROS. (WESTON-SUPER-MARE), LTD. (publishers, etc.).—Particulars filed of £5,000 debentures authorised December 3rd, 1929, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued.

SPORTING TIMES (1928), LTD.—Deed of indemnity dated December 20th (supplemental to mortgage dated December 3rd, 1929) to secure a sum not exceeding £3,500 payable under a guarantee to the company's bankers, charged on the company's undertaking and property, present and future. Holders: R. C. Huggett, 84, Jermyn-street, S.W.1; and others.

F. J. PARSONS (KENT NEWSPAPERS), LTD.—Mortgage dated December 18th, 1929, to secure £1,700, charged on 35 to 43, The Bayle, Folkestone. Holders: Hastings Permanent Building Society, 17, Havelock-road, Hastings.

F. J. PARSONS, LTD.—Satisfaction in full on November 20th, 1929, of mortgage dated October 29th, and registered November 3rd, 1926.

GLOUCESTER MILLBOARD CO., LTD.—Issue on January 8th, 1930, of £500 debentures, part of a series already registered.

Receivers Appointed or Released

BAKER BROS., LTD. (printers, engineers and electricians, etc., London).—H. Ricketts, corporate accountant, of 31, Beckway road, S.W.16, ceased to act as receiver and manager on January 9th, 1930.

QUEENSLAND PRINTING WORKS CO., LTD. (Southampton).—W. H. Rowland, incorporated accountant, of 8, High-street, Southampton, ceased to act as receiver on behalf of the debenture holders on January 16th, 1930.

THOMAS CARTER (1928), LTD. (printers, stationers, etc., Manchester).—G. Elder, of 3, York-street, Manchester, ceased to act as receiver on December 12th, 1929.

From the London Gazette

PARTNERSHIP DISSOLVED.—L. Clifford and J. G. L. Poulter, publishers, 1A, Johnson's-court, 166, Fleet street, London, under the style of Claremount Coaching Guide.

THE BANKRUPTCY ACTS, 1914 AND 1926: RECEIVING ORDERS.—F. C. Davis, of the White Swan, High-street South, Dunstable, journeyman printer; D. A. Harries, 2, Waverley-mansions, Kenton-street, London, financial journalist.

WINSTONE STAFF SOCIAL.—The second of a series of staff parties for Messrs. B. Winstone and Sons, Ltd., was held last Saturday week, at the Samson Clark Hall, Mortimer street, W.1. Nearly ninety assembled and the distribution of carnival novelties added to the gaiety of the evening. An amusing competition was organised and prizes awarded. The San Sebastian Orchestra was, as usual, in good form, and the evening was voted no less enjoyable than its predecessors.

Lorilleux & Bolton^{LD}

PRINTING INKS

VARNISHES

**ECLIPSE WORKS, ASHLEY RD.
TOTTENHAM HALE, N.17**

Trade Notes

THE printing business of Messrs. Boyle, Son and Watchurst, Ltd., Paternoster Square, London, has been purchased by the old-established printing firm of Messrs. Turner and Dunnett, Ltd., Fenwick Street, Liverpool. Mr. W. J. Boyle, who is well known and respected in London printing trade circles, is, we understand, relinquishing active association with the business.

The printing works of Alexander Salton, Ltd., Dover Street, West Hartlepool, have been purchased by Messrs. Barlow Brothers, printers of roll tickets for 'buses, cinemas, etc., of Scarborough. The name of Alexander Salton, Ltd., is being retained, and the machinery for printing roll tickets is to be removed from Scarborough to the Hartlepool premises, where there is more accommodation and also opportunity for extension.

To provide funds to meet the cost of extensions and additional machinery and to discharge certain liabilities, the Manchester Guardian and Evening News, Ltd., are offering for subscription at par £300,000 Six per Cent. First Mortgage Debentures, 1940-50.

THE Cloister Press, Ltd., has moved to new premises at 59, New Oxford Street, London, W.C.1.

MANY more applications than can possibly be accepted have been received for space on the stand taken by the Federation of Master Printers for the collective exhibit of printing at the British Industries Fair.

A PORTRAIT of the late bookbinder-Mayor of Bath, Alderman Cedric Chivers, by Sir William Orpen, R.A., was unveiled last Thursday in the vestibule of the Bath Guild Hall, by Madame Sarah Grand, the novelist, who was associated with Alderman Chivers as Mayoress during his mayoralty. The portrait is a memorial from his fellow citizens.

THE late Mr. Francis James Norbury (74), of Eastburne, and late of Norbury, Natzio and Co., Ltd., printers, Manchester, left £27,852.

THE late Mr. James Vernon, of Sutton, Surrey, formerly a director of Waterlow and Sons, Ltd., left £26,967 (net personalty, £24,999).

MISS KATHERINE JONES, of Hyde, employed in the office of Jacobsen, Welch and Co., the well-known manufacturing stationers, has won a national prize of £100 and a silver cup offered for the girl with a figure most nearly approaching the standard of the statue of Venus de Milo.

MONDAY next, February 3rd, is the date of the "Get Together" district rally of the South-East, South-West and Thames Valley Master Printers Associations at Arding and Hobbs Restaurant, Clapham Junction. Mr. Alfred Langley (L.M.P.A. president) will preside, supported by the presidents of the three district associations, and Mr. Arthur Bonner (L.M.P.A. vice-president) will lecture on "Place names and how to understand them."

SUN NEWSPAPERS, LTD., of Sydney, has purchased the *Daily Guardian* and the *Sunday Guardian*.

THE latest issue of the *Monotype Recorder* by the Lanston Monotype Corporation, Ltd., gives still further evidence of the Corporation's desire to serve Monotype users. The issue includes several pieces of copy that any Monotype printer may use as he likes. There is also an announcement of a special free pictorial and copy service in connection with the campaign to sell more and better printing.

Bradford Municipal Printing

After inspecting four sets of premises belonging to the Bradford Corporation, the Stationery Sub-Committee has decided to recommend the City Council to adopt a portion of the Bradford Conditioning House for use as a printing, stationery, and bookbinding department.

This part of the Conditioning House is comparatively new, but at present unused. It has a concrete floor, and can be adapted as a municipal printery, it is stated, at a low cost. It is also pointed out that this proposed department would rank for derating benefit.

Calendars, etc., Received

THE well-known printing inks manufactured by Messrs. Slater and Palmer are shown to advantage in their monthly tear-off calendar, each slip of which has a coloured illustration, and is printed in a different tint. We have also received from Messrs. Slater and Palmer a very useful desk memorandum pad.

THE well-produced calendar of A. Chris. Fowler, stationer, account book manufacturer and printer, is again distinguished by a feature which for some purposes is of exceptional interest, namely, the provision not only of monthly tear-off pads showing the current month but also a smaller pad showing the month preceding and that succeeding.

EFFECTIVE both in respect of utility and of publicity is the calendar issued by Langley and Sons. Six cards, backed, are looped by a cord and carry the twelve monthly sets of dates. Though the dates are, properly, the most outstanding feature, yet by judicious colouring and design due prominence is given to the firm's name and the representation of the Euston gateway, the well-known mark of the Euston Press.

IN the 1930 calendar issued by the Groult Engraving Co., Ltd.—a very striking and well-produced piece of work—the main feature is an illustration depicting an Asiatic carousal, in which a brilliant colour scheme has been used with an arresting effect. The picture is rendered the more outstanding by being raised on a panel above a dead black background, and bordered with gold. The whole production speaks highly for the designer and the process-engraver's art.

A STRIKING effect is produced with very simple means in the calendar issued by the *British Printer*. A half-a-dozen or so bold dabs of colour (water-colour inks, we judge), printed apparently by lino-cut, suffice to present a recognisable and pleasing representation of a Japanese samisen-player.

AN old-style "Wayzgoose Feast" is the subject of the interesting picture that adorns the calendar of Messrs. Lydall and Son, art printers and manufacturing stationers, of Dulwich.

THE death took place on Friday, at Barnet, of Mr. G. A. Pike, who was a co-director of the Inveresk Paper Co. with Mr. Wm. Harrison. The slump in the Inveresk shares is understood to have undermined his health, together with the incident at the recent meeting of Illustrated Newspapers, Ltd., when his re-election as a director was not carried on a show of hands.

THE late Mr. G. Toulmin (56), of Broughton, near Preston, Lancs, newspaper proprietor, for some years a member of the executive of the Lancashire and Cheshire Master Printers' Association, left £38,394.

PREPAID ADVERTISEMENTS

The Minimum Charges for Three Lines, with an average of eight words to the line, for Advertisements under the headings given below are as follows (extra lines at proportionate rates):—

	Three Lines
	s. d.
Agencies	3 0
Situations Wanted	1 6
Situations Vacant	3 0
Machinery for Sale and Wanted	3 0

Telegrams: STONHILL, LUD, LONDON Telephone: 2439 HOLBORN

SITUATIONS VACANT

ADMINISTRATIVE COUNTY OF LONDON.

THE London County Council requires as from March 3rd, 1930, at the London School of Printing and Kindred Trades, 61, Stamford-street, S.E.1, a FULL-TIME BOOK-BINDING INSTRUCTOR.

Applicants must have had at least five years' industrial experience after the age of 21 years, and practical experience in modern methods of production, preferably in an executive position. They must be capable of giving a systematised course of instruction in an interesting and clear manner in both theory and practice, and possess a sympathetic understanding of students. Applicants must have an all-round experience in Bookbinding, Ruling, Warehouse Work, a knowledge of Machinery used in a Modern Bindery and also be capable of giving instruction in Finishing, Blocking, Marbling and Disc Ruling. Experience in Estimating, Costing and Executive Control is desirable.

The candidate selected will be required to associate himself with the recognised activities of the School. The scale of salary is £290 rising by annual increments of £14 to £410; the first increment accrues after two years teaching service. Commencing salary according to trade experience, with additions for exceptional qualifications. Apply to the Education Officer (T.1), County Hall, Westminster Bridge, S.E.1 (stamped addressed envelope necessary) for form to be returned by February 8th, 1930.

Canvassing disqualifies.

MONTAGU H. COX,

15420

Clerk of the London County Council.

MISCELLANEOUS

NUMBERING MACHINES. An opportunity, new machines. Type High Forme Machines, 27s. 6d. each list 60s. HAND MACHINES, 5 Action, latest improvements, 25s. Roberts 49a, in good order, 12s. 6d. each. All these machines are 6-wheel and worth twice the price.—MARSTON, 69, Wightman ROAD, LONDON, N.4. Mountview 4583. 15421

BENEFITS

A trade organisation is judged by the generosity of the benefits it provides for its members.

THE PRINTERS' PROVIDENT ASSOCIATION provides Unemployment, Superannuation and Funeral Benefits upon terms which are lower than those of any other trade organisation.

The Society is the pioneer in the printing trade of the movement for joint associations of employers and employed.

It is the originator of the scheme for contributory insurance whereby employers assist in providing benefits of a reasonable nature for workers engaged in the craft.

Forms of application for membership and further information with pleasure from the Secretary:—

STANLEY G. C. JACOBS,

21, Charterhouse Street, Holborn Circus, E.C.1.

Telephone: Holborn 0527.

EDWIN W. EVANS*Auctioneer and Valuer*TO THE PRINTING AND
ALLIED TRADES**"Chronicle" House, 72-78, Fleet St.
London, E.C.4**

Telephone: Central 6678.

Telegrams: "Printaut, Fleet, London"

Fire Loss Assessor—Newspaper Valuer—Rating Surveyor

**The FISHER BOOKBINDING
Co., (1912) Ltd.**St. Ann's Works, Herne Hill, London,
S.E.24*Managing Director*
Miss G. V. WoodmanWatch for the King-
fisher Talks on "The
Evolution of Book-
binding" in the 1st
week of each month.**"CLASSIFICATION & DEFINITIONS of PAPER"**

is a work containing definitions of

1450 PAPER TERMSNo Progressive Printer should be without this work. It is obtain-
able, price 8s. post free, from:-**STONHILL & GILLIS, LTD. (Book Dept.)**
55, SHOE LANE, LONDON, E.C.4**WAY OUT****NOTICE TABLETS**

WITH WORDINGS FOR EVERY PURPOSE

SIZE 10" x 4" To hang.

WASHABLE PERMANENT.

Ideal for Hotels, Hairdressers,
Cinemas, Offices, etc.Trade Terms on Application.
LANGLEY & SONS, LTD.
4, 6 & 8, Euston Buildings, N.W.1**1/6**
Retail
PricePlease switch off
lights when not
in use*When you visit Bristol*
call and see**THE BRISTOL PHOTO-ENGRAVING CO. LTD.**
35, BROAD ST., BRISTOL.**DIRECT PHOTO ENGRAVING Co., Ltd.**

(Managing Director: F. H. S. PERRY)

Process Blocks of Every Description

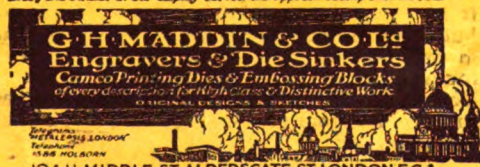
38, FARRINGTON STREET, LONDON, E.C.4

Phone Central 1086

Established 1882

ESTABLISHED 1874

Every Die Sinker in our employ served his apprenticeship with the firm



10 & 11 MIDDLE ST. ALDERSGATE ST. LONDON, E.C.1

**MARSHALL
ENGRAVING CO., LTD.**
12 & 14 FARRINGTON AVE. E.C.4. or CENTRAL 7416 - 7417
GOOD SERVICE**COMMERCIAL ARTISTS**

AND

ADVERTISERS PHOTOGRAPHERS**PRESS CUTTING AND GENERAL
ADVERTISING AGENCY****WOOLGAR & ROBERTS****1, Dorset Buildings, Salisbury Square, E.C.4****INFORMATION
SUPPLIED**on any subject at
the lowest possible
terms**All orders executed by a thorough practical Staff.
Editors are specially invited to give this Agency a trial.
Terms on application.****AUG. BREHMER'S (British) Successor LIMITED**

- " Wire Stitchers - Folders
- " Thread Book Sewing Machines
- " Thread Stitchers, Etc., Etc.

12, CITY ROAD, LONDON, E.C.1

Phone: Reliance 2922

Telegrams: "Vindico, Claproad, London."

FIBRETTE is the**BEST QUALITY
LEATHER PAPER**Write for a Sample
Book to the Manu-
facturersAlso
Cloth Imitation
and**GARWOOD & MUDDIMAN, LTD.****"CLOTHETTE"****40, SOUTH LAMBETH ROAD,
VAUXHALL, LONDON, S.W.8****COMPS LTD.****15, Kirby St., Charles St.,
Tel. Holborn 2253 E.C.1**

SPECIMEN BOOKLET ON REQUEST

for TRADE LINO

Contractors for the past Sixty years to H.M. Printing Offices,
Hon. Board of Inland Revenue and the Printing Trade generally



Registered Trade Mark

Established 1868

**KNOWN THROUGHOUT THE WORLD FOR
THE PAST SIXTY YEARS FOR QUALITY**

Rollers

for every class of Letterpress Printing on every
description of Machine. - *Price List on request.*
We have the largest and most up-to-date Roller
Casting Plant in the Kingdom.

Compositions

for Home & Export, to suit all climates and conditions.
Remeltable many times. - - - Easy casting.
None but the finest and most suitable materials used.
Look for the Trade Mark, as above, on every slab.
Obtainable from all Importing Houses.

"The Durable" Printers' Roller Co. Ltd

14 CHARLES ST., HATTON GARDEN, LONDON, E.C.1

Lt.-Col. E. L. MARLER

Managing Director

FEB 21 1930

"MONOTYPE" STANDS UP TO STEREO!

PERIODICAL ROOM
GENERAL LIBRARY
UNIV. OF MICH.

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY

And Stationer

VOLUME 106
NEW SERIES No. 67

LONDON: FEBRUARY 6, 1930

EVERY THURSDAY
PRICE THREEPENCE



Quality
in Advertising

Pictures are a short cut
into the reader's mind.

You may need words, too; but you
will certainly need Pictures — one
Picture may save you many words.

JOHN SWAIN & SON, Ltd.
89-92, SHOE LANE, LONDON, E.C.4.

GLASGOW . . . BRISTOL
MANCHESTER . . . PARIS

Works:
HIGH BARNET

PHOTO - ENGRAVING • ELECTROTYPING
REPRODUCTION IN COLOUR & ROTARY GRAVURE

"Fryotype" Printing Metals

WHEN STOCKS ARE LOW—Hop 4720

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Millingtons for Quality Stationery

BASILDON WORKS,
TOTTENHAM,
LONDON, N.16

*The hall-mark
of quality*



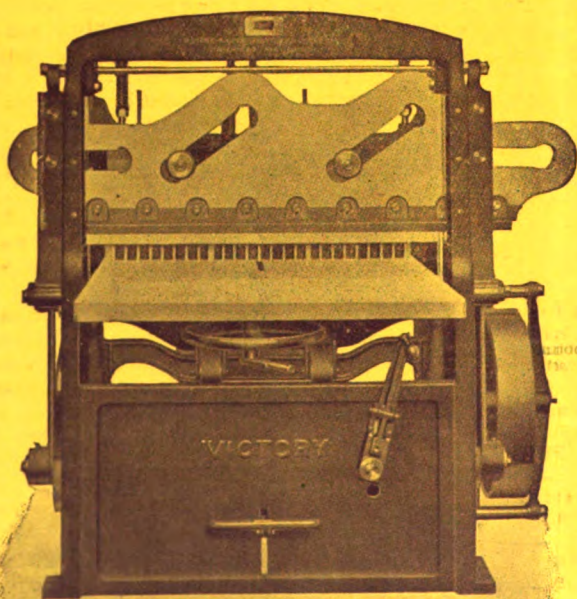
in Printing Metals

FRY'S METAL FOUNDRIES, LTD.
25-42, Holland Street, Blackfriars,
LONDON, S.E.1.

Telephone: - - - Hop 4720 (four lines).
Telegrams: "Frymetalos, Phone, London.

ALSO AT MANCHESTER, BRISTOL, GLASGOW & DUBLIN

Fryotype Printing Metals are made to formulæ which experience and research have proved to give the best results from composing machines and stereo plant. As a result, three-quarters of the Printing Metal used in England is Fryotype brand.



**'THE HARDER THE CUT
— THE MORE IT CLAMPS! —'**

Is absolutely true of the 'Victory' Triple Geared Automatic Self-clamp Guillotine. Clamping and cutting are its two jobs, and it does them literally 'well and truly.' It holds any kind of material firmly without scoring, and every cut is true.

LONG LIFE

—
LOW
MAIN-
TENANCE
COSTS
—
STRONG

SILENT AND
SMOOTH
IN
OPERATION

The clamp acts as a fulcrum to give the knife a lateral motion; the harder the cut, the more resistance — the greater is the clamp pressure.

It is British made, its design and finish are of the highest standard, all parts are interchangeable, and it is made in four sizes:—32 inch, 38 inch, 42 inch and 48 inch.

THE VICTORY GUILLOTINE

VICTORY-KIDDER PRINTING MACHINE CO., LTD.

Blackfriars House, London, E.C.4

Telephone: CITY 1050

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 67

LONDON: FEBRUARY 6, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THE question whether British or American printing is best will probably be a fruitful source of discussion for so long as each country takes a close interest in what the other is doing. Whether there will ever be a final settlement of the issue remains to be seen; but, short of actual decline or decay, the almost-certain thing is that there will never be agreed decision. When our leaders or leisured enthusiasts take their American trips, they come back either to tell us that we are well behind the States in every way or that we have something to learn in management and method but nothing in quality. When we saw the exhibition of best bookprinting representative of both countries it was patent that what the American printers construed to be ideal book typography was the British model. In point of technique and taste we have nothing much to learn from the States. Within the last day or two, a close observer gave it as his opinion that British half-tone printing was superior to American. We do not think such opinion has any point, because it is impossible to draw a general conclusion. What we do think is that the best British half-tone printing is as good as the best American, and further that there are a great many more printers doing excellent illustration printing in the States than here. But to place this comment on its correct plane of value we have to take into account that there are a great many more printers in the States, and they enjoy a vastly greater demand for excellent illustration printing.

THE chief difference in printing between the United States and our country so far as we can see it is that brought about by the prolific use of publicity as the chief agent in sales creation and distribution. This means larger newspapers and magazines, a greater resort to colour in the latter, bigger circulations and greater revenue. As it so happens in this country that publishing concerns are strong, powerful and prosperous, there is nothing to hinder the attainment of efficiency in equipment, organisation and perfection of product. And nothing has hindered it; with the result that British newspapers are superior to American, our magazines are fully equal, and, if we care to turn to book printing in the main or in the mass, it would profit the States to follow our lead.

* * *

THE field of jobbing or general printing remains, and to leave this free we might as well pass a comment on business or commercial stationery and dismiss it. There is a better appreciation of simplicity in the treatment of business forms over the water, a greater reluctance to cut paper quality down, and a disposition to make printing do the work which we hold sacred to the ruling machine. The offset press is a greater factor than it is here, and there is little or no sentiment in matters of tradition. As much publicity value is introduced into or obtained from business stationery as taste and psychological tendencies will permit, and as much economy is achieved by standardisation and dovetailing as can be

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schemed; but there is keen insistence on quality of production. We could certainly benefit from a close study of American business printing, but whether we could with entire success apply the knowledge gained would depend to some extent upon the British business man. We do not think it has been in any way due to the American printer that the American business man has a shrewd appreciation of the importance and sales value of better business stationery. So far as we can see, it is just a case of national mentality, to the make-up of which the youthful and non-traditional constitution of the country has contributed. In our case it seems as though publicity and education in the fresher era of commerce will have to pave the way for the viewpoint which comes more naturally in younger and newer countries. And, it must be confessed, the average British printer has so far made little or no effort to create a demand for better business matter.

* * *

In the field of general printing, comprising jobbing, advertising, publicity and all the mass of printing which keeps the majority of medium and large sized offices busy in the States, and anything from slack to busy here, it is beyond doubt that America is a few years ahead of us. If we take the provincial towns and cities, apart from London, there are just an odd few finely equipped printers turning out fine work in each centre. In many cases, there are not more than one or two, and in the smaller towns there is not always one. If we listed the establishments in the country whose plant comprised entirely modern machines, the list would not be lengthy by any means. So the way we would sum up the differences between British and American printers in the general printing field is this. There are a limited number of printers here turning out printed matter in monotone, colour, half-tone, tri-colour, offset and photogravure fully equal to the best that any American printer can produce. We are restricted by price limits to a very much greater extent than are printers in the States. The volume of demand for printed matter is immensely greater in every town in America, and greater facilities are thereby accorded for development. For every good printer in Britain there are many in America, and the mass of good or attractive printing is many times greater than ours. Fundamentally, American plants are up-to-date and in good condition, providing the foundations for speedy, easier and higher quality production of printing. Finally, there is monetary incentive to produce and no inducement to dally, slow-down or malingering. Merit has a greater recognition, promotion is based on fitness and social classification is not highly rated. Neither the American manager nor the American workman is superior to our own, but he is provided with an environment, conditions and circumstances calculated to induce him to make the best of his job for his own advantage.

LADY OXFORD, Mr. James Maxton, M.P., and the Hon. Oliver Stanley, M.P., are to join in an effort to aid the Widow and Orphan Fund of the National Union of Journalists. At the Friends' House, Euston Road, at 8 p.m., on Wednesday, February 26th, Lady Oxford is to preside while the two M.P.s debate the question "Are the Rich Robbers?" (Tickets, 5s., 2s. and 1s. from N.U.J., 5, Chancery Lane.)

A DINNER-DANCE will be held under the auspices of the Junior Master Printers Committee of the London Master Printers Association, at the Holborn Restaurant on Tuesday, February 25th, at 7 p.m.

Personalia

LORD RIDDELL will preside when the Periodical Trade Press and Weekly Newspaper Proprietors' Association holds its fifth annual dinner on Friday, April 4th, at Grosvenor House, Park Lane.

THE RT. HON. C. W. BOWERMAN, P.C., J.P., M.P., will be the chairman of the Machine Compositors' Vigilance Association, on March 22nd, at the Holborn Restaurant. The function, which has the approval of the Printers' Pension Corporation and to which ladies are invited, is to be held in support of the Association's Pension Fund, and it is hoped that the recently-started fifth pension will be completed in time to be associated with Mr. Bowerman's chairmanship.

MR. T. E. NAYLOR, J.P., M.P., secretary of the London Society of Compositors, was given a cordial reception when, on Tuesday evening, he addressed the Printers' Managers and Overseers (Parent) Association on "Points of Contact," many important problems relating to apprenticeship, overtime, etc., being discussed.

MR. A. G. SYMMONS has been appointed a director of the Sun Engraving Co., Ltd.

MR. CHAS. T. JACOBI, having read with interest the comments on our front page last week about printers' "flowers," sends us a copy of his well-known little book "Gesta Typographica," which he compiled and printed no less than 33 years ago.

In this book he experimented in the revival of such ornaments, and it is interesting to notice how closely his chapter-headings, page-borders, etc., resembled much that has been hailed in recent years as novel artistry.

MR. B. C. DIGBY, of Messrs. R. Hoe and Co., Ltd. (not Mr. J. L. May, of the same firm, as previously announced) will lecture on "Printing Machinery," at Stationers' Hall on February 14th, at 6.30 p.m. Mr. H. Wilson Howes will be in the chair at this meeting, which is open to all interested.

MR. GEORGE WATLING, a popular member of the staff of the London Society of Compositors, has met with a painful injury in trying to separate two dogs engaged in a fight. One of them turned on him and bit off part of a finger, with the result that he is now under the close supervision of a doctor.

DR. GUPPY, the principal of the famous Rylands Library at Manchester, will lecture on "Printing of the Early Ages," on Tuesday next, February 11th, under the auspices of the Manchester District Committee of the Joint Industrial Council for the Printing and Allied Trades.

MR. THOMAS BUCKLEY, a compositor in the service of Messrs. Turner and Dunnett, Moore Street, Liverpool, for fifty years, has just celebrated his diamond jubilee.

MR. B. F. CROSFIELD, director of the Daily News, Ltd., presided on Friday at the annual dinner of the Circulation and Publishing Association at the Connaught Rooms.

MR. JOHN R. COULSON, of the composing-room staff of the *Yorkshire Post*, was on Monday presented by the Companionship with an electric reading lamp, on his retirement after 35 years' service.

MR. JOSEPH WEATHERS, of Isleworth, has been appointed editor of the *Middlesex Independent*.

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the personality and education that produced the *finest*
books of early printing. Typography was good then

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BEAUTIFUL PRINTING WAS DONE AND SOME
fine books were made because there were among the
earlier printers those *actuated by conscious artistic*
ideals. The typography of a nation has been good or
bad as one or other of these classes had the supremacy
AND TO-DAY ANY INTELLIGENT PRINTER CAN EDUCATE

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manuscript was what the first printers tried to do. They wished
to *reproduce the manuscript* of commerce as nearly as possible,
but they printed what we call *good* books, because ours are not
so good; but what they thought were poor ones, because older
books had been so much better. This they did because they sold
THEM BETTER, AND BECAUSE THEY HAD TO COMPETE WITH

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Please say you saw the Advertisement in BRITISH AND COLONIAL PRINTER AND STATIONER

Printers and the Penny Post

J.I.C. Deputation

A step forward in the movement for postal reform is made by the intimation from the Postmaster-General that he is prepared to receive a deputation on the subject this month from the Joint Industrial Council of the printing and allied trades.

The joint secretaries of the J.I.C., Messrs. A. E. Goodwin and A. E. Holmes, are making all arrangements for the deputation, which will include several prominent members of the industry.

Not only will the importance of an immediate return to the penny postal rate be urged, but a request for the revival of the sample post will be made, and for the removal of the many restrictions on the printed matter rate which are so troublesome to traders generally.

Last year the postal authorities, taking a conservative view of the situation, estimated that a return to the penny postal rate would cost between six and seven millions. The figures published last week show that a surplus of nine millions was made in the postal services last year, thus demonstrating the soundness of the views expressed by advocates of the penny post that no loss would have been incurred by its restoration. This being so, the deputation comes at the right moment.

Any decision which may be made, rests of course, with the Chancellor of the Exchequer, but the deputation will no doubt impress upon the Postmaster-General the important part which the Post Office can play at a time when a tonic to industry is so badly needed.

The council have also in mind the possibility of waiting on the Lord Privy Seal.

British Industries Fair

A general improvement will be noticed in the appearance of the London section of the British Industries Fair which opens at Olympia on Monday, February 17th. Efforts have been made to improve the appearance of the stands, also to ensure a specially attractive appearance at each entrance. Four entrances will be used—one in Addison Road, two in Hammersmith Road and one in Blyth Road. A covered-in steel bridge has been built to convey passengers from all platforms at Addison Road station into the forecourt of the Main Hall entrance and road traffic using that entrance will approach it from Hammersmith Road and pass out the other way, the roadway having been continued under the new bridge. An official car park is provided near the Addison Road entrance.

The Duke of York will be the principal speaker at the Government's banquet to representative exhibitors and buyers at the Mansion House on February 17th. The Foreign Secretary, Mr. Arthur Henderson, M.P., will preside, and the Minister of Labour, Miss Bondfield, M.P., will also speak.

A BUSINESS man, who is starting as an agent in New York, desires to obtain the exclusive rights for the United States for sale of playing cards, etc. Department of Overseas Trade, Ref. No. 49.)

Bradford Municipal Printing

Latest Position

When the stationery sub-committee of the Bradford City Council met last week, it was decided to advertise for a manager for the proposed municipal printing plant in the city.

The City Council meeting takes place at about the middle of February, when the legal position in regard to the proposed plant is likely to come up for discussion.

A report was published last week to the effect that some of the members belonging to the Bradford Master Printers' Association were taking action on their own, and were going to seek an injunction to restrain the City Council from proceeding with their proposal. We understand, however, that this is not the case.

A special meeting of the Executive of the Bradford 'Master Printers' Association was held last Thursday, to confer with Mr. A. J. Bonwick, vice-president and chairman of the Legislation Committee, and Mr. A. E. Goodwin, director of the Federation of Master Printers of Great Britain. The principal topic discussed was the proposed experiment of the Bradford City Council of setting up a municipal printing establishment in the city.

Correspondence with the Town Clerk was submitted and approved, and it was noted with satisfaction that the matter will come before the City Council for consideration before any action is taken. The meeting was assured that the Federation fully approved of the steps taken in the matter by the Bradford Master Printers' Association.

PRINTERS' VIEW

Mr. Bonwick said: "When the ratepayers of Bradford are fully informed as to the risks of embarking on a municipal printing undertaking, it is doubtful if it will ever be started. There are many good reasons why Local Authorities have not started their own printing works. The first and most important is that it is more economical to buy your printing than to do your own. There have been several examples recently following Messrs. Selfridge, London, who closed down the printing works attached to Whiteley's the month after they acquired the business. A large margarine manufacturing company, near London, sold their printing plant last month, and this month a Lancashire firm of manufacturers have disposed of their printing equipment. To-day, with expensive machinery and plant, and constantly changing processes, a printing office must keep an even flow of work, and can only do so if it can draw on an open market."

A PROVISIONAL agreement has been entered into between Wiggins, Teape and Co. (1919) and Portals (John Allen and Sons) and their associated companies (W. Howard and Son, and Roughway Paper Mills), for a fusion of interests.

We hear that the Thames Board Mills are contemplating extensions. We believe the decision as to whether this will take place at Purfleet or at some other point has not yet been reached, but we understand that one further board machine will be installed first, with provision for a second. This would mean, if the extensions take place at Purfleet, that the plant would probably be the largest in the world, rivalling even the most extensive plants in the U.S.A.

RULES OF THE HOUSE TOO OFTEN NEED

AMENDMENT! Nowadays, when clean, sparkling rule-work is in such demand for modern display, the Super Caster saves a lot of trouble and expense. Instead of old, used rules and leads—instead of inaccurate lengths that cost money to store—cast *what you want when you want it* on the **SUPER CASTER**. Cast types, too, up to seventy-two point—cast spacing material—keep your plant's productivity alive, efficient. In the "Monotype" plant *every rule works*—for your profits !

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"MONOTYPE" AND

SUPER CASTER

Trade Notes

MESSRS. PERKINS BACON AND CO., LTD., banknote and postage stamp engravers, of Southwark, announce that they have appointed Mr. John M. Heath (a great-grandson of one of the original founders of the firm in 1819) assistant managing director, to assist Mr. James D. Heath, who will continue as chief managing director, a position he has held for 41 years.

OVER £1,300,000 was offered by the public for last week's issue by the Manchester Guardian and Manchester Evening News, Limited, of £300,000 6 per cent. first mortgage debentures at par.

THE Dumore Electrical Co., of Camco House, 63, Farringdon Street, London, E.C.4, inform us that, for entirely private reasons, the title of the company has been changed to A. M. Collins and Company. No change as regards the personnel of the company or the business address is contemplated.

HITHERTO printed at offices of its own, the *Lady* will in future be printed by Messrs. De La Rue.

DAMAGES of £500, with costs, were awarded to Miss Dinah Shurey, film producer and director, in the King's Bench Division on Friday, on her claim for libel against W. Speaight and Sons, Ltd., and English Newspapers, Ltd., printers and publishers of the *Film Weekly*. A stay of execution was granted.

THE late Mr. William Henry Lloyd, of Walton, printer, left £7,247 (net personalty £6,711).

AN Exhibition of Modern Dutch Printing is to be held at the First Edition Club, 17, Bedford Square, from February 11th to March 11th, on the lines of the Club's exhibition last year of modern Czechoslovakian printing. Tickets to visit the exhibition will be issued free of charge to printers who apply for them.

PRINTERS' CHARITY BOXING.—The Printing and Allied Trades' Amateur Boxing Club are holding a tournament at the Stadium Club on Tuesday, February 11th, at 7.15, in aid of the Royal Free Hospital, Gray's Inn Road. There will be Trade Novice Competitions at 8st., 8st. 6lb., 9st., and 9st. 9lb. for challenge cups, and an 11st. 6lb. Open Novice event. A feature of the evening will be a series of contests between the Printers and the Royal Navy. Tickets, entry forms, etc., can be obtained from the Hon. Secretary, C. Anderson, 1, Groveland Road, Beckenham.

MARKING OF BOXES, CARTONS, ETC.—The Standing Committee appointed by the Board of Trade, under the Merchandise Marks Act, will hold an enquiry on February 17th and 18th, as to whether imported boxes, cartons, cases and other containers made of paper, chip, cardboard, strawboard, fibreboard, pulpboard or similar boxboards, and flats for such boxes, etc., should be required to bear an indication of origin. The enquiry will be held at the Board of Trade Offices, Great George Street, London, S.W.1. Communications should be addressed to the secretary, Mr. E. W. Reardon, at that address.

POSTERS TOO BIG?—Speaking at the Beauty v. Ugliness Exhibition at Oxford last Thursday, Mr. H. H. Peach, of Leicester, said that the posters put up in this country were far too big for any of their surroundings, and urged that they should be reduced to a height of five feet. The Swiss, he said, had been able to get the scale of their advertisements reduced not by law but by public opinion, which was the best way, and the same could be done in this country.

Guild of Press Correctors

Annual Meeting and Dinner

The nineteenth annual meeting and dinner of the Guild of Press Correctors was held on Saturday at the Grafton Hotel, Tottenham Court Road, W., with Mr. E. C. Austen-Leigh (Spottiswoode, Ballantyne and Co., Ltd.), president, in the chair. Mrs. E. C. Austen-Leigh and a number of ladies were present, and the proceedings throughout were of a delightfully informal character.

Moving the adoption of the report for the year, Mr. Austen-Leigh said the work of the past year had been very satisfactory and showed good progress. Three pensions for aged and infirm printers' readers had already been established and a fourth was awaiting a suitable applicant.

In returning thanks for his re-election as president, Mr. Austen-Leigh, in the course of a wittily humorous speech, described many so-called "printer's errors" and said they were not always the fault of the printer's reader, giving an instance of one in particular in which the writer, a lady, acknowledged the error that apparently the printer had made was due to a slip of her pen.

The vice-presidents—among whom is the present Lord Mayor (Sir William Waterlow) and officers of the Council—were all re-elected, the hon. treasurer proposing, in the course of his speech, that £15 should be transferred from the Guild's Benevolent Fund to the Pensions Fund to assist in the establishment of a fifth pension, there having been no call on the Benevolent Fund during the year.

The business portion of the evening, which had been preceded by a *petit diner*, was followed by a bohemian concert, given by several well-known artistes. During the course of the evening, Mrs. Austen-Leigh gracefully presented gifts to the various artistes who had so generously rendered their services.

Trade Union Matters

L.S.C. UNEMPLOYMENT.—The number of members of the London Society of Compositors signing the out-of-work book on January 25th stood at 596, compared with 658 the week before, 659 on January 11th and 690 on January 4th. The 596 registered as unemployed on January 25th compared unfavourably with the 424 signing twelve months ago, but shows a considerable improvement when placed beside the 725 two years ago.

L.S.C. OVERTIME.—The number of hours of overtime worked by members of the London Society of Compositors during December amounted to 79,819, 69,450 being worked by those engaged in the general trade and 10,369 in the news department.

WAGE RATES FOR "SUMMIT."—The secretary of the Stockport branch of the Typographical Association, on instructions from his committee, recently asked the executive council of the Association to state the rates of pay for a member who worked a "Summit" machine, and also occasionally, but not at the same time, a machine classified at 3s. or 6s. above the minimum rate. The branch claimed that the member should receive 7s. extra for the "Summit" machine and also, in addition, the 3s. or the 6s. allowed in the rules for the other machine worked. The executive council, however, have ruled that the member cannot claim more than the rate received for the higher paid machine.

The RATCLIFF OFFSET ROTARY

A FEW RECENT TESTIMONIALS

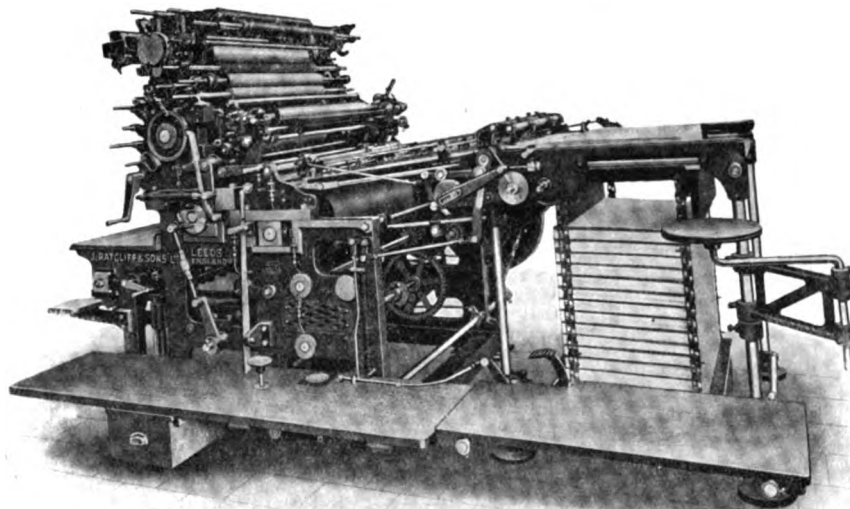
Dear Sirs,

It gives us very much pleasure to speak well of the Double Crown Rotary Offset Machine we bought from you two years ago.

It has been running consistently well ever since on all sorts of jobs.

The fact that we have ordered another machine from you, which is now ready for delivery, is best proof of all of the satisfaction we have derived from the use of the first one.

Yours faithfully,



Dear Sirs,

After testing and running your Rotary Offset Machine for a considerable time we are pleased to inform you that we are of the opinion this machine will give us the same satisfaction as your Flatbed Machines have done.

Yours truly,

Dear Sirs,

With reference to your letter of the 29th inst. respecting Rotary Offset Machine, which you put into our factory in August last, it gives us great pleasure to say that this machine is giving us entire satisfaction.

We are running it at a speed of close on 3,000 runs per hour and the work is clean and sharp. We hope to instal another machine in the near future and this we think should be a sufficient guarantee that we are satisfied with the machine.

Yours truly,

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Country News

BRADFORD

FINES amounting to £18 were imposed at Bradford last week on W. N. Sharpe, Ltd., printers, Bradford, for infringements of the Factory Act at their works in Longside Lane. The cases concerned a number of women operatives in the Christmas card section of the factory, who had worked beyond the permitted hours in consequence of the Christmas rush of orders.

BRISTOL

THE Bristol Master Printers' Association are holding their annual dinner next Tuesday, when Mr. William Maxwell, F.M.P. president, will be present.

BURY

By the retirement from active participation in the business of Charles Vickerman and Sons, printers and bookbinders, Union Square, Bury, of Mr. P. J. Vickerman, there ends a family connection with the concern which began with its foundation in 1829. Mr. Vickerman first became associated with the business 63 years ago, and he was a grandson of the founder of the business. Recently Mr. Vickerman has not had the best of health, and it is on this account he is retiring. Four years ago Mr. and Mrs. Vickerman celebrated their golden wedding. Mr. Vickerman is a director of the Bury Bill-posting Co.

LEEDS

IN Leeds, the past year has seen extensive developments in the work of Messrs. George Mann and Co., who specialise in lithographic machinery. This firm has been more than fully employed during the whole of the year and has been compelled to extend its works, which when completed will cover over a quarter of a million square feet of floor space.

LIVERPOOL

OWING to the demolition of the building for the purpose of erecting a new cinema, Mr. Leopold Doyle, printer, has been obliged to close down his business at 42, Lime Street, Liverpool. He still retains his other business at 84, Lime Street.

NORTHAMPTON

THE Northampton Master Printers' Association is arranging a collective exhibit of printing by its members for the Trades Exhibition in the forthcoming Pageant Week in Northampton.

NORWICH

MR. JOHN WINTER, a well-known Norwich man, has just completed sixty years' service with Messrs. Jarrold and Sons, printers and stationers, and in honour of the occasion he has been presented by the directors with a clock, and by the staff with other tokens of goodwill.

OTLEY

REPORTING on the manufacture of printing machinery at Otley, the *Yorkshire Post* states that this local staple industry, appears to be flourishing, with even brighter prospects for the coming year. The largest firm—Dawson, Payne, and Elliott, Ltd.—are employing as many people as ever they did.

PERTH

MR. JAMES M. YOUNG, "father" of the printing trade in Perth, died on Friday at the age of 74 years. A native of the city, Mr. Young was well known in business circles, and the news of his death will be received with regret by a wide circle of friends and associates. He was principal of the old-established printing firm of Messrs. James Young and Sons, Watergate, which business he conducted successfully for many years.

ROCHDALE

THE staffs of the *Rochdale Observer* and the *Heywood Advertiser* held their annual whist drive and dance in the New Masonic Hall, Richard Street, Rochdale, on Saturday. The party was a great success, and there were over 250 persons present. Col. G. Scott, J.P., D.S.O., and Mrs. Scott, Mr. A. N. Scott and Mrs. Scott (the proprietors) were present, Mrs. G. Scott presenting the whist prizes.

STOCKPORT

SAMUEL KNOWLES (32), of no settled abode, charged on remand at the Stockport Borough Police Court last week with breaking into the offices of the Cloister Press Co., Ltd.'s premises, Didsbury Road, and stealing several articles, was committed for trial at the Chester Assizes.

WALLASEY

MORETON (Wallasey) printers have protested successfully against local schoolboys accepting and undertaking printing jobs which they executed, under the direction of the headmaster, on a hand press at the school.

Printer and De-Rating

Difficult Appeal Succeeds

Before the West Ham Assessment Committee the other day, Mr. Frank Colebrook conducted a rather complicated appeal. The Inland Revenue Officer strongly objected to an appeal by a printer to be considered "industrial," for the printer was living upon the premises, and also conducted a retail business; therefore it was arguable—under the familiar disabling section, which concerns these different "users"—that he was doubly disqualified. The floor space occupied domestically was also to a large extent in that part of the house where the square-foot value was highest. Altogether, the Inland Revenue appeared to have a strong case in opposing the claim to be "industrial."

Mr. Colebrook submitted to the Assessment Committee that when this printer came, eight or nine years ago, to West Ham, he took these premises, not "primarily" for the purpose of residence, but for the purposes of a printing business—the sooner he could reside elsewhere, the better he would be pleased.

He had four power machines on the premises, and satisfied thus the main technical criterion as to there being a "factory." He was registered under the Factory Acts. Two years ago, the retail turnover was only one-fifth of the printing turnover; one year ago, it had fallen to less than one-sixth; its latest return showed that it was a still smaller proportion, and, indeed, it was almost negligible. The front part of the ground floor, though technically a shop, was partly occupied by a platen printing machine, which was regularly worked. The purpose of the de-rating was the fostering of employment. This business might be small to-day, but its operation meant that the printer was employed in it, and was withdrawn therefore from competing with others for outside employment, and he also employed a man on the road. Almost all printing businesses had started in this small way. Mr. Colebrook cited Quarter Sessions decisions in support of his claim.

The Assessment Committee allowed the claim, and, as the rateable value was under fifty pounds, the whole property was declared to be industrial.



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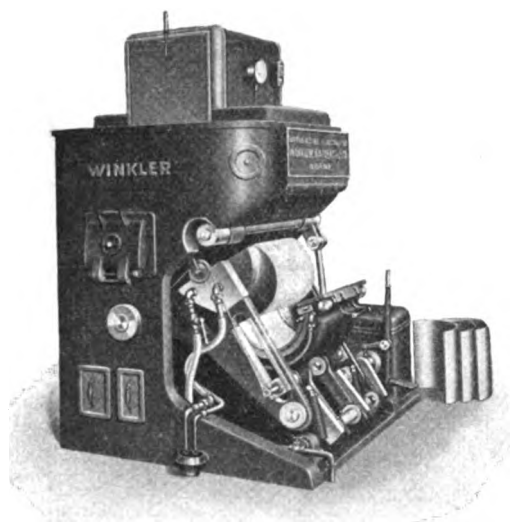
Heating Plate-Casters

Claims of the "Winkler"

There are four factors which may be said to be essential for the efficient heating of plate-casting machines. They are: correct furnace design; proper lining of the furnace; automatic heat regulation, and the provision of some means of preventing pot fracture.

A machine which is designed on such lines is the "Winkler" automatic plate-casting machine marketed by Messrs. W. J. Light and Co., Ltd. This machine is fitted with either gas or electric heating, eliminating smoke, fuel storage and ash removal.

The electric heating system used is based on many years' experience with this form of heating and has been developed to a high degree of efficiency and reliability. It is entirely automatic and the electric



THE "WINKLER" PLATE-CASTER

elements are arranged inside the pot in direct contact with the metal.

The gas heating equipment supplied with the Winkler caster works on the air-blast system. By means of a proportioner, air and gas are correctly proportioned, so that a homogeneous air-gas mixture is supplied to the burners, resulting in flameless combustion and maximum fuel efficiency. Oxidation of the pot is prevented as it is heated entirely by radiation and by contact with the hot products of combustion.

In respect of furnace design, the Winkler caster has a five-inch lining of insulating brick and firebrick. This lining acts as a fuel economiser, as the heat generated is retained in the furnace. It also serves to maintain the surrounding atmosphere comparatively cool, thereby making working conditions more pleasant and increasing man-power efficiency.

A special feature of the caster relates to the automatic temperature regulator. It is generally recognised that when the heat is regulated by hand a wide temperature range is bound to result; the metal temperature is seldom just right. Someone forgets, and the pyrometer jumps past the upper permissible degree, and perhaps the next time a thought is given to the heating, the metal temperature has dropped below the lower

permissible limit, causing gradual separation of the hard tin-antimony crystals. The Winkler automatic temperature regulator eliminates the possibility of such troubles. One merely sets the thermostat for the required temperature, and the heating requires no further attention. Combined with the temperature control is a time switch, which automatically switches the current on or off at set times.

New British Patents

APPLICATIONS

- Burdick, C. L. Paper folding machines. 2,423.
- Chambon, Ltd. Machines for severing webs of paper, etc., into lengths. 2,287.
- Hart, H. (Mergenthaler Linotype Co.). Typographical composing, etc., machines. 2,642.
- Hilger, Ltd. Photographic printing apparatus. 2,675.
- Hircock, J. T. Apparatus for impressing printed matter, etc., upon surfaces of articles. 2,417.
- Jagenberg, G. Meyer-. Glued paper receptacle, etc. 1,948.
- Lever Bros., Ltd., and Owen, T. Cardboard, etc., cartons. 2,451.
- Mann, A. Loose-leaf binders. 2,689.
- Miehle Printing Press and Manufacturing Co. Inking mechanism for printing presses, etc. 2,370.
- Page, P. E. Playing cards. 1,978.
- Robinson, Ltd., E. S. and A. Cartons for cigarettes, etc. 2,112.
- Spencer and Cook, Ltd., and Cook, T. Machines for folding paper, etc. 2,340.
- Spies, G. Feeding and delivery devices for platen printing presses. 2,422.
- Winkler, C. Machines for casting stereotype plates. 2,369.

SPECIFICATIONS PUBLISHED

1928.

- Goss Printing Press Co. Delivery apparatus for printing presses. 318,855.
- Marks, Baron. (Wood Newspaper Machinery Corporation). Web replenishing apparatus for printing presses and other machines. 324,021.
- Sowden, F. H. Sheet delivery mechanism for printing machines. 323,680.

1929.

- Hofbuchdruckerei von C. Dunnhaupt Ges. Production of make-ready sheets for printing presses. 309,535.
- I. G. Farbenindustrie Akt.-Ges. Pre-treating etching plates of magnesium alloys for photo-mechanical printing purposes. 316,207.
- Jones, F. C. E. Rotary relief-printing press. 324,268.

COMPLETE SPECIFICATIONS OPEN TO PUBLIC INSPECTION BEFORE ACCEPTANCE

1929

- Just, F. Printing rollers or printing-plates. 26,237.
- Papeteries Navarre Soc. Anon. Adhesive papers and the like. 39,105.

A VERY fine process reproduction of a half-length portrait of a girl makes the calendar of Messrs. Lowe and Carr, process and letterpress printers, of Leicester, a dainty production. Each daily tear-off slip has a quotation from Shakespeare.

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Bull, A. J.—Tone Rendering by Half-tone Processes. *pam.*

Cartwright, H. Mills.—A Method of Colour Correction. *pam.*

Cartwright, H. Mills.—The Progress of Photo-engraving Etching. *pam.*

Clapperton, R. H. and Henderson, W.—Modern Paper-making.

Cloutman, B. M. and Luck, F. W.—Law for Printers and Publishers.

Cockerell, D.—Some Notes on Bookbinding.

Dane and Co.—Marbling. *pam.*

Davidson, John.—Copyright and the Printer. *pam.*

Dawe, E. A.—Paper and its Uses. 2 vols.

Franklin, Benjamin.—Account Books kept by B.F. With notes by George Simpson Eddy. New York.

Insatsu Bijutsu Taikwan.—(Specimens of various methods of reproduction produced and printed in Japan.)

Langley and Sons, Ltd.—Poster Types.

Langley and Sons, Ltd.—Type Charts.

Lanston Monotype Corporation.—Five Fables by Æsop; Book of Parts of the Monotype Machine; The Monotype Caster Instruction Book; Tabular Composition on the Monotype.

McMurtrie, Douglas C.—Pamphlets on:—The First Printing in British Columbia; History of Printing in the United States; the Influence on Space Sales of Effective Display Composition; James Johnson, First Printer of Georgia; Ludlow Composition for the Envelope Manufacturer; the Typography of a Small Newspaper; the Typography of Envelope Corner Cards; Legibility in Typography.

Marrot, H. V.—Bulmer and Bensley; a study in transition.

Medical Research Council.—Sickness Experience of Printers.

Meynell, Francis.—Typography of Newspaper Advertisements.

Palmer, E. W.—A Course of Bookbinding for Vocational Training.

Penrose's Annual, 1930.

Sabbe, Dr. M. and Audin, M.—Civilité-Schriften.

Shepard, F. G.—The Price Book, 1929.

Shepperley, William.—A History of Photography.

Spicher, Craig R.—The Practice of Presswork. 2nd edition.

Stempel.—Jahrbuch der Schriftgiesserei und Messinglinienfabrik D. Stempel, 1930.

Studio, Ltd.—Posters and Publicity, 1930.

Turner, E. L.—Modern Photo-engraving Screens. *pam.*

Vaughan, Alex. J.—Modern Bookbinding.

Wilkinson, J. V S.—The Lights of Canopus: colour facsimiles (with descriptive letterpress) of a unique M.S. of Indian Fables.

Winship, G. P.—The Merrymount Press of Boston.

Woodcut, The.—An Annual. Nos. 1, 2, 3 and 4.

Young, John L.—Books from the M.S. to the Bookseller.

Water-Colour Printing

Further evidence of the growing interest in water-colour printing is provided by a fine piece of colour work that has just reached the offices of this journal. The well-known London printing ink manufacturers, Messrs. Lorilleux and Bolton, Ltd., have issued an excellent specimen of water-colour printing produced by their own inks in nine colours and a black. We understand that this firm has for some time past been experimenting with the water-colour process, and certainly the particular specimen now issued must have presented very severe tests in many aspects.

Water-colour printing possesses in marked degree the characteristics of brilliance, purity of colour, opacity and matt finish. These points come out to advantage in this example, which is notable for the effective shade variations that have been obtained by stippling and super-imposition of colours.

In submitting the specimen for inspection, Messrs. Lorilleux and Bolton provide a few hints calculated to help the printer working with water-colour inks to obtain good results.

A good offset paper, it is pointed out, with very little sizing and absorbent surface gives the best results. Line blocks made of metal with stippled effects to give tints of varied colours and shades when over-printed can be used. The blocks in the specimen referred to were specially made and coated with a material to allow the water inks to take well when running.

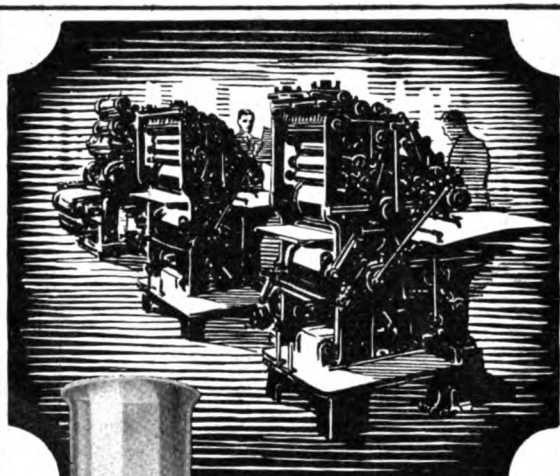
It is not necessary to use rubber rollers. Old and well-seasoned composition can be used, even for very long runs.

These inks, it is stated, require practically no manipulation. If easing is desired, the addition of a little glycerine will be found effective, and/or golden syrup to aid the pick-up and stop slurring. In addition to the blocks for pictorial work, rubber stereotypes can be used for type matter, and there seems to be no obstacle to running the special metal blocks along with rubber stereotypes.

An interesting statement is made with regard to the equipment necessary in using the process. It is remarked that a perusal of certain articles in the trade magazines, describing the process, would lead the printer to believe that considerable expense will have to be incurred in the provision of expensive rubber rollers, expensive inks, and unnecessary restrictions in their use. All those interested are assured that the running of the particular specimen issued by Messrs. Lorilleux and Bolton was of a most ordinary and simple character when machining. The job was worked at full speed—pile delivery, no interleaving, and without the slightest trouble of any kind whatsoever. The stipple on the special line blocks used remained clean throughout the long run, and from this it will be readily understood that the inks work free, easy and clean.

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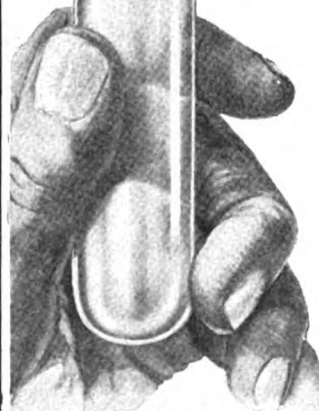
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Photo-Lithography

Printing - Down for Duplicates and Multiple Transfers upon Printing Machine Plates

By CHARLES HARRAP

"Printing-down," as the expression is commonly used in the trade by photo-lithographers, relates to a process which resembles in principle the older lithographic practice of patching-up or sticking-up transfers on a carefully-ruled-out sheet of paper or on a "key." By this means many copies of the work or design may be transferred at one operation to stone or plate. The idea is similar to the letterpress printers' method of setting-up a number of stereotypes in a forme. In each case the work must be done with uniformity and accuracy of measurement: the printing may be in several colours, and therefore all the sets of colour plates must be set-up, patched-up or printed-down in exactly the same position.

One of the old methods of lithographers was to draw crosses, known as register marks, at each side and at the top and foot of the original on the stone. These crosses were at the centres of the length and breadth. When the mounting sheet was made up, lines were drawn to correspond with these crosses. The marking-out was done as accurately as possible, and tested very carefully before commencing the patching-up. The patching-up was done by registering to the four crosses.

This method embodies principles which should be used in other methods of patching-up, shining-up or printing-down, such as repeating photo-lithographs. As so much depends upon accuracy of measurement, it is necessary to use accurate instruments.

For marking-out any series of distances, there are two methods, viz., by using a steel straightedge of full length, accurately engraved on the bevelled edge with inches and sub-divisions of sixty-fourths all along, or marked with centimetres and millimetres. For drawing lines in setting-out the plan, use a plain steel straightedge and always keep the marking point up against the straightedge. In addition is required a large and accurate metal set-square, or better, a transparent square, such as celluloid. The other instrument is a pair of dividers, which must be of finest manufacture. These must have fine needle-points, and the legs must be adjustable by a fine worm and milled head; and finally when an accurate measurement has been obtained the dividers should be locked by a set-screw. These instruments should be rust-proof, that is, chromium or nickel plated. It is necessary to use a good magnifying glass.

Some stress has been laid upon these matters because practical experience has proved that no haphazard method is capable of giving the result so accurately or so quickly as when the best instruments are employed.

In printing-down, there are considerable differences as compared with the patching-up of paper transfers on a paper mount. In printing-down, photographic negatives on glass plates, or films or negative paper are used, and these have to be placed in position on a sensitised stone or plate. When the number of repetitions runs up to 50 and more, the best plan is to make a multiple negative of four, six or nine copies and use that for printing-down on the large machine plate. As sensitised paper is so useful in

making positives and negatives for black work only, the making-up of multiple positives and negatives is rendered comparatively easy. In using paper negatives it is necessary to make as many as required for patching up the full sheet; and to fasten them at the top corners by a semi-dry photo-mountant. In making-up these multiples, great care is required to place each one in its exact position, especially with small negatives and where the margins of the negatives are very narrow. It is scarcely necessary to say that using multiple negatives saves much time and trouble; and such multiple negatives should be stored away carefully for future use for reprints.

LAYING-OUT PLATE

In all cases where it is required that two or more copies be set up on the printing plate, the plan for the layout must be drawn upon a good paper. In all cases it is advisable to draw lines across the absolute centres of the sheet both ways, and measurements for the layout are to be made from those lines. By this method the slightest errors are halved, each way, instead of accumulating to an appreciable error at one end, as will often occur when the measurements are made by starting from the lines near the margins. Always check the measurements by walking the needle point dividers along the lines.

Upon the layout fit the negative, and firmly and clearly mark the negative and the layout sheet. Ultimately the markings on the layout sheet will be ticked off on the sensitised plate for laying or adjusting the negative; the marks on the negative must therefore be clean cuts through the film, not interfering with the design or subject in any way.

Should the negative be so close to the edge that lay-marks are difficult to make at the sides, or should the space between the repetitions be so narrow that it is virtually impossible to use side marks, then it is advisable to prepare the layout on the metal plate before coating it. To reduce the marking-out on the plate to the least number possible, the layout on the paper sheet should be marked by centre lines through the centre of the design, both ways. These centre lines are then ticked off on the metal plate, and fine lines are "cut" into the plate, with a very fine steel point. The "cut" so made must be a mere scratch which will show brightly enough to be seen through the sensitive coating when it has been put on. With the negatives similarly marked by a very small cut in the margins, it is not difficult to obtain absolute position. The slight cut in the metal plate has no effect whatever on the design, and does not take ink outside the design.

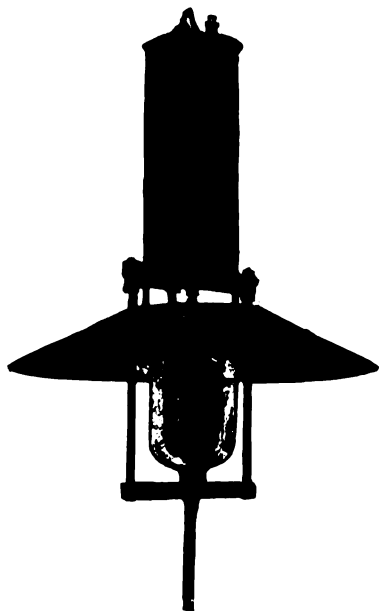
In many cases the layout can be drawn by using the edges of the glass negative for drawing the lines to lay to.

In some cases, the negatives may present difficulties in making guide marks of sufficient prominence on the margins. In this event marks can be made in suitable open spaces or by cuts through blanks (opaque areas) in the design.

It will be seen that any careful craftsman, accustomed to making-up such multiple plates, can follow out a similar method for making a multiple negative of four or six or nine copies on dry plates.

It is often necessary to have lines on the prints as a guide for guillotine or punch cutting. These lines or crosses should be placed on the layout, and ticked off on the sensitised plate, then cut clean through to the plate. When the plate is inked over, the cut lines will take the ink, and it will usually roll up solid.

In undertaking these operations of making-up multiple plates for machine printing, it is advisable to use the large pneumatic printing-down frames fitted with the blinds for masking the negative. In such



ENCLOSED ARC LAMP

frames the masking-off of all matter outside the actual design is effectively performed; but, in the absence of such blinds, the negatives will have to be accurately masked with thin tinfoil, or orange paper, and when a negative is to be printed the remainder of the plate must be closely masked. There should be wide strips or frames of cardboard placed round the negative or negatives to give an even surface for the backing, to prevent indenting and distortion of the backing sheet when the vacuum is made. When using the very thin gauge plates, as used for the Harris and the Potter machines, it is advisable to support them upon a thicker gauge plate when in the printing-down frame. As a negative is placed in position, the frame is closed and turned to the source of light. Such a light may vary in form. The lights available are: (a) Arc lamps, with one arc, or two arcs or four arcs, usually described by manufacturers and dealers as two-carbon, four-carbon, or eight-carbon lamps; (b) Mercury-vapour lamps; (c) Daylight or sunlight.

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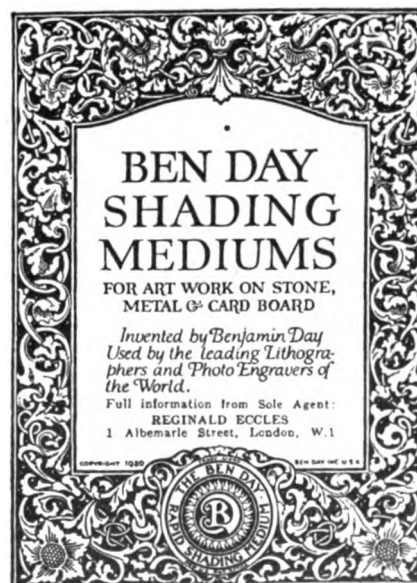
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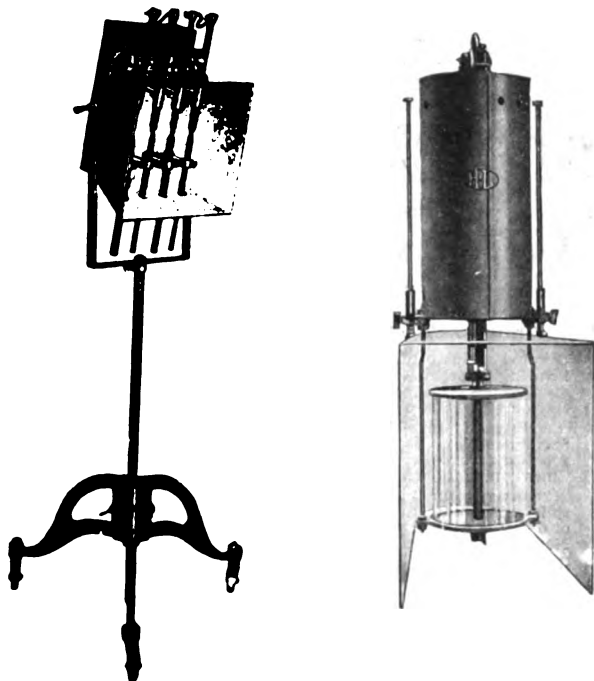
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on the stand of Messrs. George Mann and Co., the source of light was a single arc, and the exposure was made at short range. The use of two single arcs is common practice, and is suitable for most work, but the time of exposure has to be longer than when double arc lamps (four-carbon) or quadruple arc lamps (eight-carbon) are used. There are suitable ways of using four single arc lamps for obtaining an even distribution of light over small or large areas and a minimum time of exposure. Such an arrangement is made by Messrs. Hunter-Penrose, and known as the "Empire" Arc Unit. Similarly, double-arc and four-arc lamps can be obtained on suitable stands, with arms for carrying the lamps in positions convenient for the



ARC LAMP, 8-CARBON, ON TRIPOD; AND ENCLOSED ARC LAMP (HUNTER-PENROSE)

work. Although the four-arc lamp (eight-carbon) is more expensive, yet it is economical in the shortness of exposure and consequent saving of time. Further, as there are four sources of light there is a greater expanse of even and intense lighting. When two lamps of single arcs are used, they must be adjusted to prevent the crossing of the direct beams of light.

To obtain more direct lighting and uniformity over the whole field, suitable reflectors are mounted behind the lamps. In some lamps these are of pyramid section and reflect the light from a confined space. Such reflection from white painted surfaces is a common method, but it is doubtful whether it can be so effective as reflection from mirrors. Not only is it probable that less light is reflected from such white flat surfaces, but also that the directness of the beam is not so true as when concave mirrors are used as reflectors. Even if the reflector were white and of concave form, it should reflect more direct light. There are different forms of concave reflectors which may be used, viz., the popular form of the interior of a sphere, and, secondly, the interior of a parabola. The latter has been used in many cases because it "loses" so little light. The arc placed at its focus sends forth direct beams of light from all points of its surface and tends

to give a field of fairly uniform luminosity over a useful area.

The other concave mirror (which is part of a sphere) very nearly approaches the same capacity. It falls short in uniformity because the reflected rays of light have a small degree of divergence. There is little doubt that the one ray of light from the carbons to the object (the negative) is the strongest, and that all other rays decrease in intensity gradually as they are more and more distant from the source of light; further, they lose intensity more when the reflector is flat than when it is regularly concave or parabolic. This centralisation of a strong beam of light has, no doubt, been the reason for the construction of the two-arc lamp, and especially the four-arc (eight-carbon) lamp. In the latter lamp there is the tendency of producing one broad powerful beam of light more resembling a sunbeam. This same idea can be recognised in the length of equal light given by mercury vapour tubes, and breadth of equal intensity when several pairs of such tubes are placed side by side in the same plane.

These artificial lights vary in intensity, as measured by candle-power. Thus, it may be generally calculated that each carbon arc is equivalent to 2,000 candle-power, and each pair of mercury vapour tubes is estimated at 2,400 candle-power. But it is now well known that the "invisible light" termed the ultra-violet is extremely active in photography and increases the light value of the carbon arc considerably. So far, the arithmetical value of it has not been calculated.

Taking it as an example for running cost, the Empire Arc Lighting Unit—with its four separate single-arc lamps, having a nominal lighting value of 8,000 candle-power, on 200 volts supply at 20 amps.—would consume 4,000 watts, or four units per hour. A mercury vapour eight-tube battery—nominally 9,600 candle-power, on 200 volts D.C. would consume 2,800 watts. But in common commercial practice it is generally understood that the carbon arcs are much preferred for speed in the general run of work, whilst the mercury vapour lamp has its own special field in photographic lighting and in photo-process work.

It may be added that for large areas of photographic printing—down the mercury vapour battery of six or eight tubes has been found effective, as it gives a very wide field of equal intensity of light without the presence of a few highly brilliant points of great luminosity. This form of lighting has very little heat and is much more suitable for long exposure. It is therefore suitable for the large work so often done by the Vandyke or "true-to-scale" method.

DAYLIGHT

It should be understood that clear daylight is the best for photography, and should be used on all possible occasions when the work in hand is convenient: but it is inadvisable to make exposures in the glare of the sun. The heat of direct sunshine is sufficient to burst the plate glass front of the frame. As suitable daylight is seldom available for seven months of the year, the studio has been equipped for artificial lighting, and operators are so accustomed to it that photo-process work is rendered much more certain by the use of these artificial means.

As to actinometers and exposures, the reader is referred to the articles of January 9th, December 12th, etc.

THE late Mr. James Colton Jepson, of Humberston, a former newspaper proprietor, left £3,353 (net personality £2,810).

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Lithographic Trade Review

Notes and News

AFTER showing so many indications of improvement during the last few months, conditions in the lithographic section of the industry have gone back considerably. Trade at the present time is not nearly so good as it was twelve months ago, and although there is no reason for pessimism, there does not seem to be any likelihood of an early improvement. No special reason is assigned for this set-back in the lithographic trade, unless it be the generally bad conditions prevailing in other industries throughout the country at the present time.

* * *

So far as the Lithographic Artists' Union is concerned, employment amongst those engaged on the process side appears to be in a very satisfactory position. It is with the artists that conditions are far from good. Unemployment with this latter section is getting worse from month to month. Belfast especially has been suffering from bad trade, and there is no hope of an early improvement.

* * *

THE committee of the Lithographers Auxiliary to the Printers' Pension Corporation met last week under the presidency of Mr. Frank Heywood (George Mann and Co., Ltd.). Two new pensions have been created in the names of Mr. Heywood and Mr. Russell Palmer, the latter having raised over £450 at a recent concert held at Cannon Street Hotel. Mr. Woodgate Stevens was elected to succeed the late Mr. E. A. Lowe as chairman of the auxiliary committee, and Messrs. G. E. Lowe (son of the late Mr. E. A. Lowe) and J. Bagg were appointed members of the committee.

* * *

MR. GEORGE T. FOXON (Messrs. Bradbury, Wilkinson and Co., Ltd.), has consented to occupy the chair at the next concert of the Lithographers' Auxiliary to be held at Cannon Street Hotel, on March 31st.

* * *

WE are pleased to hear that Mr. F. H. Howe (a member of the Lithographers' Auxiliary Committee) is making satisfactory progress at the Hornsey Central Hospital from his recent accident. Mr. Howe wishes us to express his thanks through these columns to all who have sent messages of sympathy to him.

* * *

WE regret to learn of the death of Alfred Marshall (81), of Worcester, lithographic printer. He was for long periods in the service of Messrs. Williamsons', Providence Works, and of Messrs. Underwood. He was a member of the Amalgamated Society of Lithographic Printers.

* * *

A good deal of difference of opinion exists in the Lithographic Artists' Society on the question of proposed dilution of labour in a highly-skilled section of the union. It arises out of an arrangement on the subject recently come to between the Artists' Society and the Federation of Master Process Engravers.

* * *

CONFERENCES are being held in London this week between representatives of the Lithographic Printers and the London Society of Lithographic Music Printers

on the question of the amalgamation of the two organisations. We understand that matters in connection with the amalgamation are progressing satisfactorily, and it is generally believed that such consummation will consolidate the lithographic trade so far as the productive side is concerned. Before such an amalgamation can be effected, a ballot of two-thirds of the membership in favour of such a proceeding must be given.

* * *

THE London branch of the Amalgamated Society of Lithographic Printers will celebrate the jubilee of the Society by endowing a bed at the Lloyd Memorial (Caxton) Seaside Home at Deal. The ceremony will take place at Deal on March 15th.

Countryside Advertisements

Serious Position Discussed

THE menace to printing and advertising interests contained in two bills which will shortly come forward for their second reading in the House of Commons was considered at a meeting last week of representatives of various organisations concerned with advertising. The measures concerned are the Rural Amenities Bill and the Advertisements Regulation Bill. Both are private members' bills, and it is difficult to imagine that either will be granted facilities by the present Government.

The attitude adopted by the representatives of printing and billposting interests is briefly as follows. In the first place, everything possible should be done to protect the amenities of the countryside by preventing the disfigurement of historic scenes and beauty spots. Some people, however, regard all forms of outdoor advertising as objectionable, and would prohibit all signs, posters and notices of every description.

This attitude is quite illogical, and at a time when every effort should be made to encourage employment—and this can only be accomplished by selling more British goods—it is important that unnecessary and irksome legislation should be checked. By means of intensive and well-placed advertising, our manufacturers are able to increase the sale of British goods in the home market, thus automatically placing themselves on a better basis to compete in the markets of the world. Coupled with this is the fact that over a quarter of a million people are employed in the printing and allied trades, and although unemployment is lower in these trades than in many others, there is undoubtedly room for improvement, and this being so, the attack on any form of advertising would unquestionably increase the unemployment figures immediately.

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MESSRS. TURNER AND DUNNETT, LTD., printers and publishers, of Liverpool, send us a copy of the Christmas number of "Cunard," a magazine they produced for the Cunard Steam Ship Co., Ltd. This production, a medium-quarto running to 64 pages, was done entirely by photo-litho, and we judge that this must be one of the largest jobs ever completely produced by this process. Consisting mainly of illustrations (reproductions of photographs or paintings), mostly monochrome but some in multi-colour, the pages also contain many displayed typographic advertisements, the whole being very effectively rendered. This publication is a good example of photo-litho possibilities.

PRINTERS' SUPPLY HOUSES

A BUYERS' GUIDE TO EFFICIENT SERVICE

BRONZING MACHINES

LACO-MASCHINEN-FABRIK Paul Tschentscher. Leipzig, W 33 (Germany) supply bronzing machines with sevenfold dusting


ENVELOPE MACHINES

CARLAW, DAVID, & SONS, LTD., 31, Finnieston Street, Glasgow. High Speed Adjustable Envelope making Machines for all sizes and shapes; Blank Cutting Machines; Cutters; Embossing Machines, etc.

FOLDING MACHINES

CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C.4. (Phone Cent. 1165). The "Cleveland" and "Camco" series. A Folder for every need, from Eight Crown down to Demy Folio.

OFFSET MACHINES

 **C**RABTREE, R. W. & SONS, LTD., Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C.1. Makers of Offset Machines, Single Colour—Demy Folio to Extra Eight Crown. Two-Colour and Perfecting Double Demy to Extra Eight Crown. Transfer Presses and Graining Machines.


PAPER FEEDERS

CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C.4. (Phone Cent. 1165) (Spies Patents) **AUTO-MATIC FEEDER.**

H.T.B. LTD., Blackhorse Lane, Walthamstow, E.17. Sole Manufacturers and distributors of H.T.B. Full Automatic and Semi-Automatic FEEDERS.

Telephone Number Walthamstow 0111.

CCROSS PATENT AUTOMATIC FEEDER. Manufacturers and Sellers; Cross Paper Feeder Co., Ltd., 92, Fleet Street, E.C.4

 **"E**LLISS" PILE **A**UTO-MATIC FEEDER. Sole selling Agents for Great Britain and Colonies. R. W. Crabtree & Sons, Ltd., Water Lane, Leeds.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfield, 25, Lime Street, E.C.3. Phone: Monument 4002

PRESS BLANKETS

HOE & CO., LTD., R, 109, Borough Road, London, S.E.1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. Phone: Central 3839. "LIGHT'S-EVERWEAR." Press Rubbers. Oil and Ink-Proof and Reversible.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C.2. Printers in Russian, Polish, Czech-Slovakian, German (Gothic) and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTG. METAL MANUFACTURERS

OIDAS METALS CO., LTD., 3, New London Street, E.C.3. Telephone: Royal 7791. Specialists in the Manufacture of Lino, Mono, Stereo and all Type Metal. Specifications absolutely guaranteed. Reasonable Prices.

PRINTING PRESSES, ETC.

CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C.4. (Phone Cent. 1165). The "Kelly" High Speed two rev. presses.

JOHNSON & WM. BURT & SONS, LTD., 156, Caledonian Rd London, N.1 (Tel: North 3487/8) Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.


London Agents for Ratcliff's "Reliable" Direct Rotary, Rotary Offset and Tin Printing Presses.

ROLLER COVERINGS

 **ANTITAPE** **ROLLER COVERINGS**

MINTON, LOUIS, Trevelyan Buildings, Manchester. LITHO INKERS, DAMPERS, VARNISHING, LETTERPRESS, DIE-STAMPING, NEWSPAPER, ETC.

ROTARY WEB PRESSES

 **C**RABTREE, R. W. & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

ROTARY WEB PRESSES

HOE & CO., LTD., R, 109-112, Borough Road, London, S.E.1. Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGH SPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

STEREO AND ELECTRO PLANTS


HOE & CO., LTD., R, 109-112, Borough Road, London, S.E.1. Tel.: Hop 6604. Telegrams: Expugnator-Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

STEREO DRY FLONG

DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.


LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting.

STEREOTYPING MACHINERY, ETC.

 **C**RABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. ROTOPATE (Reg TradeMark) and KOTOSHAVER Casting and Finishing Machines.

LIGHT & Co., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. Sole Agents for the "WINKLER" Automatic Moulding Press, Automatic Plate Casting Machine, etc.

TINPLATE DECORATG. MACHINES

 **C**RABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C.1. Makers of "Rapid" Tinplate Decorating Machines with Semi-Automatic Pile Feeder, Tin Varnishing, Coating and Lacquering Machines.

R.S.A. Competition of Designs

Book Production and Advertising

The Royal Society of Arts has issued particulars of the 1930 Competition of Industrial Designs—the seventh of these competitions—which will take place at the Imperial Institute, South Kensington, in June, 1930. Of the six heads under which the competition will be divided, the two of direct interest to the printing industry are No. 4, Book Production, and No. 6, Advertising.

In the Book Production section competition will be for designs for a title page; pages of text; line drawings for a head and tail piece; book illustration; jacket; and cover.

In the Advertising section competition will be for designs for posters, showcards and lorry bills to advertise the following: the illuminations of a seaside resort; a line of steamships to Australia and a line of steamships to the U.S.A. and Canada; an insurance institution; fast-dyed cotton goods; artificial silk fabrics, lingerie or hosiery; stout; potted fish paste; chocolate; jam; loudspeakers; all-electric wireless sets and supply units; pneumatic tyres for passenger and commercial vehicles; an electric wiring system; the use of electricity in rural districts; the advantages of poster publicity; as well as for designs for a box top and side labels for biscuits; a symbol for a trade mark; Christmas greeting cards and calendars; covers for a monthly food list and furniture sale catalogue; and decorative leatherwork suitable for blotters, handbags, pochettes, bridge-markers, etc.

Valuable prizes ranging from £5 to £50 are offered.

Particulars are obtainable from the secretary of the Royal Society of Arts, John Street, Adelphi, London, W.C.2.

Benn Brothers' Jubilee

To celebrate the jubilee of Benn Brothers, Limited, the well-known publishers, a dinner was held at the Wharncliffe Rooms on Saturday, when Sir Ernest Benn, chairman of the firm, presided over a company numbering 550, including many distinguished visitors.

Sir William Plender, proposing the toast of "Fleet Street," spoke of the growth and enterprise of the modern Press, and mentioned that the vast business of the publishing house of Benn was now housed in a noble building which added to the architectural features of Fleet Street.

The Dean of St. Paul's, in reply, had some interesting things to say about British journalism.

Mr. Walter Runciman, M.P., who proposed "The Firm," said he spoke as an old friend and political associate of the late Sir John Benn, the founder of what to-day represented the largest trade publishing establishment in Europe—a proud boast fully justified by the record.

The chairman, responding, recalled the lowly beginnings of the founder of the firm, and said that the business was essentially a triumph of the spirit of individualism. They had a five-day week and a profit-sharing scheme, and nearly half the staff were shareholders. The wages bill of the publishing and administrative staffs which the firm employed came to £71,000 a year.

Mr. J. A. Benn proposed the toast of "The Staff," and Mr. J. A. Knivett and Mr. T. Mortimore Sparks replied.

Book Reviews

THE MASTER PRINTERS' ANNUAL AND TYPOGRAPHICAL YEAR BOOK. London: Spottiswoode Ballantyne and Co., Ltd., price 12/6.

One of the most useful reference works compiled for the aid of the printer comes to hand in the 1930 edition of THE MASTER PRINTERS' ANNUAL AND TYPOGRAPHICAL YEAR BOOK. The editors, Messrs. R. A. Austen-Leigh and Gerard T. Meynell, have revised and brought up to date each section of the volume, and minor additions include the Paper Trade Customs as codified and adopted in 1922. A notable feature consists of excellent photogravure portraits of Mr. William Maxwell (president of the Federation of Master Printers), and the Lord Mayor of London, Sir William A. Waterlow, K.B.E., who is shown wearing his insignia of office. For the rest, the Annual is printed and produced in the usual admirable style.

TRADE MARKS SIMPLIFIED, by H. J. W. Wildbore. London: Jeffcoats, Ltd.; price, 10s. 6d.

Trade mark registration is of growing importance in these days, and those who require guidance in the subject will find it in this useful book. The author is an authority on the procedure and he presents the facts in plain and direct language for the benefit of manufacturers and merchants. Information is furnished regarding the definition of a trade mark, the necessity for registration, what may and what may not be registered and so on.

A helpful section of the book gives special information for specific trades. In the paragraph referring to paper manufacturers, it is asserted that the paper trade does not appear to have given sufficient attention to the safeguarding of its marks, as many are found almost identical, recorded or claimed by a number of concerns. Care should be taken to safeguard valuable trade marks and keep them distinct and valid. Watermarks, which are never so clearly discerned as marks printed upon labels, should be protected as trade marks, as in fact they are, and the use by others of watermarks too closely resembling those already appropriated would perhaps be more readily stopped if in every case it was borne in mind that such kinds of marks merit more than usual care and scrutiny than others which are more legibly represented.

The book is carefully arranged and access to the information required is readily obtained, while the printing and the get-up generally are in good style.

THE annual dinner of the Huddersfield Master Printers' Association takes place to-morrow (Friday).

THE Oxfordshire Master Printers Association are arranging a dinner for February 17th.

THE South-East London Master Printers' Association is to hold its ordinary business meeting next Tuesday, February 11th, at 6.30 p.m., at the Bridge House Restaurant, London Bridge.

IN order to honour Mr. William Maxwell, the Scottish president of the Federation of Master Printers, the Glasgow Master Printers' Association are holding a special meeting on Thursday next week.

THE latest "Nickeloid News," by the Nickeloid Electrotypes Co., Ltd., is another fine issue of this house journal. Excellently designed and produced, it looks bright and attractive, and in matter it is as interesting as it looks, technical information being agreeably mixed with general items and humour. Fine block-work, monochrome and colour, is of course a strong feature.

Printers' "Get Together"

London Districts Rally

Master printers of the South-West London, South-East London and Thames Valley districts of the London Masters Printers' Association forgot all about the world of print and the problems connected with it on Monday night, when, in company with their ladies, they spent a social evening together at Arding and Hobbs' Restaurant.

The event was organised by the South-West Association with the idea of fostering a "get-together" movement among the local associations, and their efforts were rewarded by a remarkably good attendance, a delightfully friendly atmosphere, and a lecture of great interest on "Place Names and How to Understand Them," by Mr. Arthur Bonner, F.S.A. (L.M.P.A. vice-president).

General regret was expressed at the absence, owing to a severe cold, of Mr. Alfred Langley (president, L.M.P.A.) who was to have presided; the thanks of the meeting were due, however, to Mr. B. Guy Harrison (L.M.P.A. vice president), who very ably filled Mr. Langley's place in the chair.

Mr. Bonner held the attention of his audience from beginning to end, and answered many questions. His lecture was rendered the more interesting by a series of lantern slides.

At the conclusion, Mr. E. J. Pegg (South-West president) moved a hearty vote of thanks to the lecturer, and Messrs. J. W. Jackson (South-East president) and J. Drewett (Thames Valley) supported the motion, which was carried with enthusiasm.

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OMEGA

Made in several styles for various purposes and for coupling direct to high-speed offset and letterpress machines. The system of *alternating* burnishing and dusting, with *four* burnishers and *six* dusting-off bands produces the finest bronzing. The machine is adjustable to suit any paper and any speed of printing machine. Special timing devices and grippers are entirely abolished. Available in seven sizes from 20 inches upwards.

SOLDANS

Commercial Review

Current Share Prices

Allied Newspapers ord. 25s., 24s. 7½d., 8 p.c. cum. pref. 21s. 9d., 5½ p.c. 1st deb. 91; Allied Northern Newspapers 6½ p.c. deb. 95½, 96½; Anglo-Foreign Newspapers (5s.) 1s. 3d., defd. (1s.) 3d.; Amalgamated Press ord. (10s.) 20s. 3d., 20s. 9d., 7 p.c. cum. pref. 18s. 9d., 18s. 6d., 5½ p.c. deb. 91½; Argus Press Holdings 22s. 6d., 22 9d.; Associated Newspapers 23s. defd. (5s.) 32s., 30s. 7½d., 5 p.c. cum. pref. 17s.; Buff Book 19s. def. (1s.) 9d., 10½d.; Daily Express Building 6 p.c. 1st deb. 94½, 94½; Daily Mirror Newspaper 8 p.c. pref. 26s.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 104; Thomas De La Rue 10s.; Financial News 5 p.c. cum. pref. 13s., 6 p.c. 2nd pref. 14s. 9d.; Financial Newspaper Proprietors 16s. 10½d., 17s.; Financial Times 28s. 6d., 7 p.c. cum. pref. 20s. 6d.; Hutchinson and Co. 7 p.c. partg. 1st pref. 13s.; Hutchinson Printing Trust 7½ p.c. partg. 1st pref. 13s. 3d.; Ilford 53s. 9d., 6 p.c. cum. pref. 20s. 9d.; Illustrated Newspapers 10s. 7½d., 11s. 3d., 7 p.c. cum. pref. 14s. 6d.; International Linotype 81½, 83; Kelly's Directories 7½ p.c. cum. pref. 21s. 6d.; Lamson Paragon 19s. 4½d., 10 p.c. cum. pref. 24s. 6d.; Lanston Monotype Corporation 36s. 9d., 36s. 2½d.; Linotype B deb. 60½; George Newnes (10s.) 22s. 9d., 5 p.c. cum. pref., 16s.; Northcliffe Newspapers 5½ p.c. deb. 95½, 96; Odhams Press (4s. shares) 6s. 10½d., 6 p.c. pref. 14s. 6d., 7½ p.c. A pref. 19s., 6½ p.c. deb. 98; Hugh Stevenson and Sons pref. ord. (13s. 4d.) 7s. 3d.; Sunday Pictorial Newspapers 8 p.c. cum. pref. 23s. 9d.; Raphael Tuck 21s. 6d., 5½ p.c. cum. pref. (£5) 82s. 6d.; United Newspapers 7½ p.c. cum. pref. 12s. 9d.; Waterlow and Sons def. 37s., 38s., pref. 21s. 6d., 4 p.c. pref. (cum.) 14s. 1½d.; Weldons pref. ord. (10 p.c. cum.) 14s. 6 p.c. cum. pref. 11s.; Winterbottom Book Cloth 72s. 6d., 73s. 1½d.

New Companies

HERMETON, LTD.—Capital £150,000, in £1 shares; to adopt an agreement with the Lamson Paragon Supply Co., Ltd., to acquire the business, inventions, patents, machinery and other property therein mentioned, including the trade mark "Hermeton" and the goodwill of the business concerned in the goods in respect of which the said trade mark is registered, and to carry on the business of manufacturers of, and dealers in, dust-proof, damp-proof, airtight or other cartons, containers, boxes or receptacles, and machinery and plant for making, filling, packing and sealing the same, and accessories therefor, and weighing, measuring or other like machinery, box makers, cardboard and ink manufacturers, woodworkers, printers, stationers, etc. Directors: J. M. Evans and C. F. Clark. Solicitors: Radford and Frankland, 27, Chancery-lane, W.C.

BROADWATER PRESS, LTD.—Capital £5,000, in 4,850 preference shares of £1 each and 3,000 ordinary shares of 1s. each; to acquire the business of a printer carried on by H. Cheetham at Stonehills, Welwyn Garden City, as the Broadwater Press. Private company. Directors: H. Cheetham, R. M. Wallhead and A. R. Jones. Registered office: Stonehills, Welwyn Garden City, Herts.

SETCHELL AND Co., LTD.—Capital £2,500, in £1 shares; advertising and trade mark agents, advertising contractors, printers, publishers, etc., and to acquire the business, property and assets referred to in an agreement with W. I. L. Long and H. V. E. Jessop, carrying on business as Setchell and Co. Private company. First directors: W. I. L. Long and H. V. E. Jessop. Registered office: 30, Holborn, E.C.1.

TRADE RULERS, LTD.—Capital £300, in £1 shares; to acquire the business of trade rulers and bookbinders

carried on by L. C. Fullbrook and H. W. Fish at 26A, High-street, Dartford, Kent. Private company. Directors: L. C. Fullbrook and H. W. Fish. Registered office: 26A, High street, Dartford, Kent.

PETERBOROUGH POSTER ADVERTISING SERVICE, LTD.—Capital £100, in £1 shares; to adopt an agreement with Mills and Rockley, Ltd. Bill posting, poster advertising and advertising and publicity in all its branches, etc. Private company. Directors: W. S. Walton, C. T. Mills, J. W. Naake, T. W. Brown, F. Kay and W. C. Fletcher. Registered office: 22, Wollaton street, Nottingham.

PRESS PICTURES, LTD.—Capital £100 in £1 shares; press photographers and agents, newspaper and magazine proprietors, newsagents, journalists, printers, publishers and stationers, etc. Private company. Subscribers: Mrs. K. A. Brodie and Muriel E. Tidnam. Registered office: 47, Fleet street, E.C.

GREYHOUND GAZETTE, LTD.—Capital £100 in £1 shares; proprietors and publishers of newspapers, journals, etc. Private company. Directors: W. W. Patteson and M. R. Harley. Registered office: Neeld-parade, Wembley.

CROSS AND Co., LTD.—Capital £100 in £1 shares; builders' merchants, builders, manufacturers of and dealers in concrete and artificial stone, contractors, carriers, makers of and dealers in casks, sacks, bags, cases and other packages, paper merchants, etc. Private company. Directors: M. W. W. Cross and R. B. Exley. Registered office: 54, Cabinet Chambers, Basinghall street, Leeds.

Mortgages and Charges.

NEWS MINSTER, LTD. Statutory mortgage dated May 4th, 1920, and deed of variation dated May 27th, 1925, charged on leasehold premises at Derby-street, Cheetham, Manchester (property acquired June 5th, 1928) on which £10,000 was owing on November 1st, 1929. (Now registered pursuant to Section 91 of the Companies Act, 1929.) Mortgagees: Executors of F. G. Goodbhere, 3, Norfolk-street, Manchester.

W. P. DICKINSON AND SON, LTD. (printers, etc., Maidstone).—Satisfaction to the extent of £950 (balance owing) on December 17th, 1929, of charge dated May 15th, and registered May 21st, 1926, securing £1,450.

LAWRENCE BROS. (WESTON SUPER MARE), LTD. (printers, etc.).—Satisfaction in full on January 6th, 1930, of debentures dated November 6th, and registered November 26th, 1914, securing £2,500.

LINDLEY AND PETTITT, LTD. (printers, stationers, etc.).—Mortgages on premises, etc., at 53, Boundary-lane, Hulme, Manchester, dated January 8th, 1930, to secure all monies due or to become due from the company to the National Provincial Bank, Ltd. (subject to mortgage dated October 31st, 1924, securing £1,000.

LONDON PAPER MILLS Co., LTD.—Satisfaction to the extent of £80,950 on December 5th, 1929, of trust deed dated September 24th and registered September 27th, 1920, securing £250,000 guaranteed first mortgage redeemable debentures.

SCUNTHORPE AND DISTRICT BILLPOSTING Co., LTD.—Satisfaction in full on November 22nd, 1929, of mortgage of 29, Gilliatt-street, Scunthorpe, dated January 30th, and registered February 9th, 1920.

M. B. BELL AND SONS, LTD. (cardboard box manufacturers, etc., Sheffield).—Satisfaction to the extent of £500 on January 2nd, 1930, of debentures dated July 22nd and registered July 29th, 1929.

ILFORD ADVERTISING AGENCY, LTD.—Particulars filed of £370 debentures authorised January 16th, 1930, charged on the company's undertaking and property, including uncalled capital, the whole amount being now issued.

Receivers Appointed or Released

GODFREY SKINNER AND BROWN, LTD. (printers, etc., London).—C. T. Blackburn, of 38, Bedford-place, W.C.1, ceased to act as receiver on January 27th, 1930.

F. J. HOLMES AND CO., LTD. (bookbinders, manufacturing stationers, etc., London).—J. J. Baker, of Eldon-street House, Eldon street, E.C.2, was appointed receiver and manager on January 23rd, 1930, under powers contained in debentures dated August 1st, 1924.

UNIVERSAL TYPECASTING CO., LTD.—J. T. Morgan, of 15-16, Newman-street, W.1, was appointed receiver and manager on December 19th, 1929, under powers contained in debenture dated July 22nd, 1925.

Company Liquidation

THE PHOTOGRAPH PRINTING CO., LTD., 35, Davies-street, W.—The report of Mr. E. T. A. Phillips, official receiver, upon the liquidation of this company has been issued to the creditors and shareholders, together with a summary of the statement of affairs, which shows liabilities £16,775; against assets valued at £26,040, or an estimated surplus in assets of £9,264, after meeting all liabilities. The account with the contributors discloses a deficiency of £9,237, the issued capital being 18,502 ordinary shares of £1 each. The company was formed in April, 1929, to acquire the rights for the United Kingdom and the Continent of Europe in a patented invention relating to improvements in colour printing, including the use of aniline dyes for making pictorial reproductions. The directors throughout have been Arthur J. Clark and Adrian E. Klein. The company was promoted by Mr. Clark, who was the managing director of Colour Snapshots (1928), Ltd., and Colour Snapshots (Foreign), Ltd. The failure of the company is attributed by Mr. Clark to lack of working capital and inability to obtain funds just as the company was ready to commence operations. Sir Wm. M. Whitlock, C.A., has been appointed liquidator with a committee of inspectors.

Bankruptcies

Re ALFRED WILLIAM BARRETT, publisher, 37, King-street, Covent Garden, W.C. An application was made on January 29th to Mr. Registrar Warrington at the London Bankruptcy Court for an order of discharge on behalf of this bankrupt, who failed in February, 1925, with provable debts £8,209 and assets £51 16s., recovered by the trustee in respect of the bankrupt's interest in a picture. A previous failure was recorded against him in 1908, from which proceedings he was discharged in July, 1917. After the failure he was interested in Colour Magazine, Ltd., which was formed to produce an art magazine of that title. He assumed liability on behalf of the company without receiving any consideration, and he further attributed his failure to excess of household and personal expenses over income, heavy interest on borrowed money and to law costs. The discharge was granted subject to judgment for £150 to be satisfied by an immediate cash payment.

PARTNERSHIP has been dissolved between Harry Weston, John Edward Key, Robert Alexander Russell, and George Gibbons Weston, printers, 49, King street, Leicester, so far as concerns R. A. Russell; also between Francis St. Blase Stanley and Wilfrid Edwin Brown, journalists, 26-29, Poppins court, Fleet-street, E.C.

MR. J. A. ESLER was elected president and Mr. Maurice Hunt vice president of the Printing, Bookbinding and Kindred Trades' Overseers Association at the annual meeting of the Association at St. Bride Institute on Tuesday. Mr. Robert Bryan was unanimously re-elected hon. secretary.

Calendars, etc., Received

In response to requests received, the Lanston Monotype Corporation, Ltd., has produced a monthly desk calendar for 1930 similar in style to their excellent 1929 issue. Each sheet serves to exemplify a different Monotype typeface and also bears a novel illustration relating to the evolution of printing types from the earliest ages.

TOGETHER with a large monthly tear-off calendar, printed in red and black, the Argus Press, Ltd., sends a copy of their Type Book, a substantial paper-covered volume of 168 pages showing specimens of the types, linotype faces, and borders that are at the disposal of clients of this firm, which specialises in contracting for high-speed newspaper-production.

THE Toronto Type Foundry Co., Ltd., Toronto, Canada, send us a large wall calendar printed in tri-colour and two tints of green on a No. 4, four-roller Miehle unit. A unique feature is the border, in which typefounders' letters have been used with striking effect.

FROM Messrs. Wood and Sloane, Ltd. (printers and manufacturing stationers, Liverpool) we have received a monthly tear-off calendar.

MESSRS. BERGER AND WIRTH, the German ink-manufacturers, send a striking calendar of which one novel feature is the fact that the leaves of the daily tear-off are printed in different inks, each ink being named in five languages.



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MONTAGU H. COX,

Clerk of the London County Council.

15424

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METROPOLITAN BOROUGH OF HACKNEY.

PRINTING

THE Council invite **TENDERS** for the **PRINTING** of **OFFICIAL DOCUMENTS** for the period from 1st April, 1930, to 31st March, 1933.

Form of Tender, Conditions of Contract and Schedule may be obtained from the Stationery Manager, Town Clerk's Office, Town Hall, Hackney, E.8, on and after 10th February.

Sealed Tenders endorsed "Tender for Printing" must be delivered by the persons tendering, or by their authorised representatives, to the Chairman of the Establishment and General Purposes Committee of the Council at a Special Meeting to be held at the Town Hall, Mare Street, Hackney, E.8, on Wednesday, 26th February, 1930, at 7 p.m. or sent by registered post addressed to the Chairman of the Committee, so as to be delivered not later than the above time.

The Council do not undertake to accept the lowest or any tender.

R. H. R. TEE,

Town Clerk.

Town Hall,
Hackney, E.8.
7th February, 1930.

H.M. STATIONERY OFFICE

TENDERS to be delivered before noon on **Friday, 21st February, 1930,** are invited for printing the **Calendars of Wills—Group 328.**

For particulars apply to the Controller, H.M. Stationery Office, Westminster, S.W.1.

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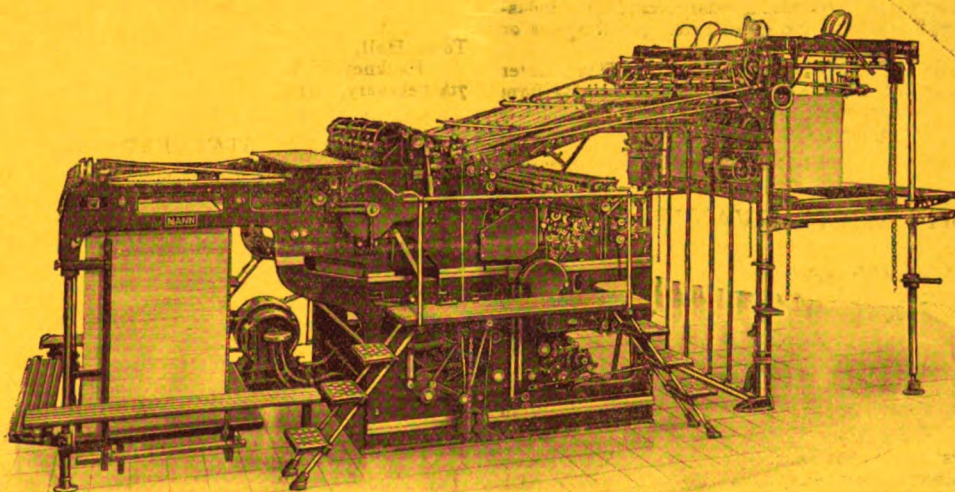
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VOLUME 106
NEW SERIES No. 68

LONDON: FEBRUARY 13, 1930

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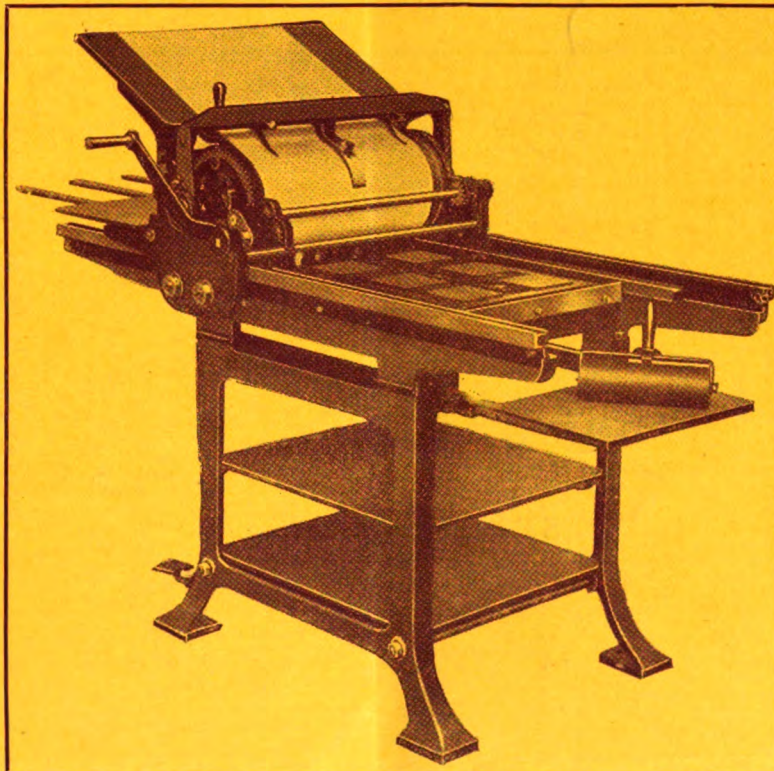
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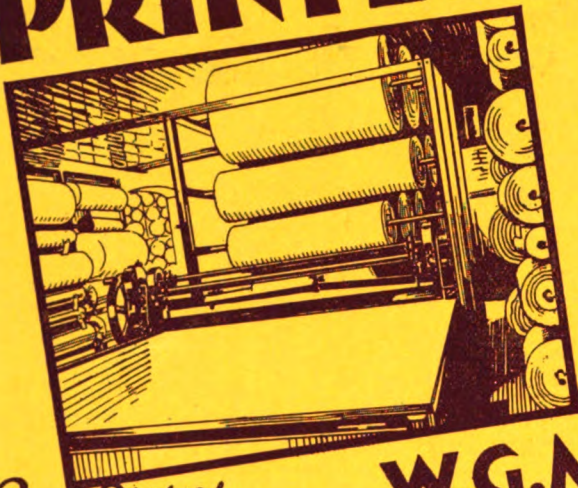
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Millingtons for Quality Stationery
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The range of Monnery Blankets have been famous in the trade for over a century, the firm having first entered the business in 1800.

Our COMPOUND BLANKET is used in the production of London's large circulation papers and gives those heavy users the greatest satisfaction.

Use the finest British manufactured Printers' Blankets from the stock rooms of—

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The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 108
NEW SERIES No. 68

LONDON: FEBRUARY 13, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THE successful printer of to-day is more or less a specialist, setting out on pre-determined lines and catering mainly for a certain class of business to which he is accustomed. It is unwise to assume that certain classes of work are profitable and others not, because everyday experience reveals the fact that a great number of printers are uniformly successful though undertaking vastly dissimilar types of production. Looking closely into the reasons, one usually finds that success is achieved where the printer thoroughly understands the class of work he accepts, and restrains himself from attempting to undertake classes of work to which he is unaccustomed.

BRIEFLY summarised, the main classes of printed work may be listed as follows, each representing a separate field for the exercise of ability and energy according to the printer's experience and circumstances:—1—Common work in small or large bulk; 2—Commercial stationery and jobbing; 3—Artistic, advertising and catalogue work; 4—High-class colour and process work; 5—All-round production, including ruling, bookbinding, letterpress, litho, etc. Granted a ripe experience and a sound connection, it is probable that the best profits may be yielded by the highest-class work; but to secure them it is essential that production should proceed under appropriate conditions and beneath a careful organisation and close control. Otherwise this very class of work

proves the most hazardous, and is the most fruitful of failures. Given the requisite conditions, high-class process colour work (in which is comprised the bulk of good and expensive advertising literature) is capable of bearing a heavier return of profit than the more keenly contested ordinary types of printed matter. The paper used is uniformly expensive, indicating an initial heavy outlay but correspondingly weighty return, process engraving gives a fairly clear profit and with good machinery and capable workmen the work proceeds smoothly and comparatively speedily. The class of customer is mainly of the type who will pay well for good work, and not press too heavily for preliminary estimates. There is so much more of art and talent in high-grade typography that a higher ratio of profit should be naturally looked for by the producer and, under normal circumstances, is conceded by the customer.

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THE stationery bookbinder of to-day is relying to a large and growing extent upon machine processes. Hand-sewing is too tedious and too costly for any but the highest class of work; sectional folding, except for very small quantities, is purely machine work; wire-stabbing has superseded handwork in the case of cheap quarter-bound stationery. Innumerable types of machinery are at hand for back-rounding, casing, case-making, glueing, leather-paring, etc., and no factory can be considered to be on modern lines which still permits the unnecessary waste of expensive labour on pro-

cesses which can be so much more quickly, economically and efficiently performed by machinery.

ONE of the most important and disputed items of expense in the Costing System is Interest on Capital, and it is one of the least regarded and the least understood among printers. Even among those who understand it there appears to be a certain lack of conviction as to the soundness of the principle of including interest on capital as an expense chargeable to customers. To put the matter plainly, money may be invested either in sound stock with the moral certainty of at least 6 per cent. return, or it may be risked in a manufacturing business with no certainty of any return. Against minimum profit or loss the investment in business should first be safeguarded to the extent of the normal rate of interest. Real profit on business, apart from investment does not accrue until the equivalent of this is assured. If a printer merely desired a 6 per cent. return he would not risk his money in labour and machinery. Above the normal rate of interest profit-making begins.

MANY companies are to-day forced to issue preference shares, and others work largely on overdraft or debentures. This is borrowed money with certain rates of interest to be repaid, and unless interest on capital is treated as a direct expense on the business, the interest not provided for must come out of the profits. In other words, the printer himself pays interest on money borrowed, instead of recovering the amount from the customers who have benefited through the improved service.

It may be observed that the charge for interest on capital covers bank interest and overdraft charges. The method of treatment is to charge 5 per cent. or 6 per cent. on the value of plant and stock in each department, the charge on the remaining balance of capital (the total capital is known) being debited to the overhead column. It must be observed, however, that there is a limit beyond which the price of printing cannot be raised without endangering the source. A business which has covered itself to the extent of 6 per cent. interest on capital should not expect to append the same profit ratio to completed costs as it would do if interest on capital had not been taken into account. It may be pointed out that the profit factor operates also on the 6 per cent. interest on capital and produces a further yield on that factor.

MR. WILLIAM MOULDEN, a well-known Blackburn printer, has just celebrated his golden wedding.

COL. T. C. DUNLOP, proprietor of the *Ayr Advertiser* and the *Ayr Observer*, has received a handsome presentation from his staffs to mark his silver wedding.

MR. A. H. MUNDEY (Fry's), gave a lecture on "Die Castings" at the Institute of Mechanical Engineers in Sheffield yesterday (Wednesday).

A REPRESENTATIVE gathering of the mechanical staffs of the *Sheffield Telegraph* and *Yorkshire Telegraph and Star* assembled in the Board Room to express their goodwill to Mr. Thomas Daniels, who retired on pension after 42 years' service as engine minder.

A LECTURE on "The Accountant Summed Up," was given in Newcastle last week to the North of England District Society of Corporate Accountants by Mr. W. T. Mayne, managing director of The Northumberland Press, Ltd.

Personalia

THE Duke of York has consented to preside at the 67th annual dinner of the Newspaper Press Fund, at the Hotel Victoria, Northumberland Avenue, on May 7th.

SIR WILLIAM WATERLOW, Lord Mayor of London, has accepted an invitation from the College of Burgomaster and Alderman of the City of Antwerp on behalf of himself and the Lady Mayoress, the Sheriffs and their wives, and a deputation of the City Corporation, to visit the International Exhibition at Antwerp at the end of May as the guests of that city.

AFTER the visit to Antwerp the Lord Mayor and his colleagues will proceed to Paris, and subsequently will go to Verdun at the invitation of the French Government. As the visitors are being received by the President of the French Republic on May 29th, and the Lord Mayor hopes to fulfil an engagement in connexion with the Master Printers' Federation in Edinburgh on May 31st, Sir William Waterlow contemplates an aeroplane flight direct from Paris to Edinburgh.

MR. WILLIAM MAXWELL, president of the Federation of Master Printers, is entertaining to lunch on February 19th representatives of the groups of young master printers in the various F.M.P. Alliances.

MR. J. A. STEMBRIDGE, the well-known Leeds master printer, who is president of the Monotype Users' Association and a former president of the Federation of Master Printers, has been elected a member of the Council of the Leeds Chamber of Commerce for 1930.

MR. W. R. CUMMINS, of Muswell Hill, president of the North London Master Printers' Association, who holds the world's record collecting for the Salvation Army Self-Denial Fund, is endeavouring to raise £227 for this year's effort. The grand total collected by him at Muswell Hill amounts to nearly £4,000.

MR. H. R. P. BOORMAN, general manager, was the guest of honour at a dinner of the journalistic staff of the *Kent Messenger*, held on Friday at the Bull Hotel, Maidstone. Twenty-one journalists from the Head Office and branch offices were present, the occasion being the first of its kind in the history of the paper.

AT a meeting of the Leicester Watch Committee on Tuesday last week, Mr. R. A. G. Povoas, a Leicester printer, was presented with a guinea and a copy of the resolution, for rescuing a five-year-old boy from the canal.

COUNCILLOR ALEX MATHIESON, a member of the Glasgow branch of the National Society of Printers' Managers and Assistants, is to be the recipient of a public presentation in April. Mr. Mathieson has for eight years been a Councillor of the Parish of Glasgow, and now under the Local Government Act his parish becomes transferred to the Glasgow Corporation.

MR. J. SWAIN, who for 25 years has been the Yorkshire district secretary of the National Society of Operative Printers and Assistants, has been presented with a clock and a wallet of Treasury notes on his retirement owing to ill-health.

MR. FRANK LOVELOCK, a trustee of the National Society of Operative Printers and Assistants, will shortly retire from that position after twenty-one years' service, and, at the request of the executive council, will become superintendent of the Natsopa Home, of which he has been trustee since its institution.

LINOTYPE NUMBER THIRTY-THREE OLD STYLE

48-point, caps only (48 ◇ 813)

OLD STYLE TYPES

42-point, caps only (42 ◇ 812)

OF A FRENCH ORIGIN

36-point (36 ◇ 811)

TYPOGRAPHY of the best

30-point (30 ◇ 810)

RESTRAINT in decoration is good

24-point (24 ◇ 809)

BETTER TYPES employed in better ways
have been used by educated printers with

18-point Roman (18 ◇ 808) ; Italic (18 ◇ 831)

IT WAS NOT SO MUCH THE CONDITIONS AS
the personality and education that produced the *finest*
books of early printing. Typography was good then

14-point (14 ◇ 724)

BEAUTIFUL PRINTING WAS DONE AND SOME
fine books were made because there were among the
earlier printers those *actuated by conscious artistic*
ideals. The typography of a nation has been good or
bad as one or other of these classes had the supremacy
AND TO-DAY ANY INTELLIGENT PRINTER CAN EDUCATE

12-point (12 ◇ 723)

TO MAKE A BOOK WHICH SHOULD LOOK LIKE A
manuscript was what the first printers tried to do. They wished
to *reproduce the manuscript* of commerce as nearly as possible,
but they printed what we call *good* books, because ours are not
so good; but what they thought were poor ones, because older
books had been so much better. This they did because they sold
THEM BETTER, AND BECAUSE THEY HAD TO COMPETE WITH

TRADE LINOTYPE MARK

This matrix series
is also available in
smaller sizes from
6-point to 11-point
each duplexed with
its own italic. Show-
ings of all the sizes
will be sent on re-
ceipt of application

LINOTYPE & MACHINERY LIMITED · LONDON

Those Trade Union Restrictions

Mr. T. E. Naylor Tackles Some Knotty Problems

At P.M. & O.A. Meeting

It was an outstanding event in the year's programme of the Printers' Managers and Overseers' (Parent) Association when Mr. T. E. Naylor, J.P., M.P. (secretary of the London Society of Compositors), addressed their February meeting on Tuesday of last week. Mr. Naylor was given a very cordial reception by a large gathering of members, and proceeded to tackle frankly what was, one would suppose, the most thorny subject he could choose to discuss with such an audience, namely, the many matters in which the practical manager or overseer finds himself "up against" the rules and regulations of the trade union. His brilliant address evoked much applause, frequent laughter and a little controversy, the outstanding impression left upon his hearers being an appreciation of the speaker's reasonableness, his remarkable deftness in debate, and his good-humoured wit which is apt to disarm the most determined opponent.

"POINTS OF CONTACT"

After remarking upon the contrast between the conditions of twenty-five years ago, when, he said, printers' managers and overseers regarded a trade union as an unmitigated nuisance, and the present day, when he (Mr. Naylor) was allowed to enter their *sanctum sanctorum* without being demolished at sight—whatever might happen afterwards—the speaker said that his subject, entitled "Points of Contact," related particularly to his relationships with managers and overseers in respect of the everyday difficulties arising out of certain rules and regulations which the trade union had come to regard, in the light of experience, as of considerable importance.

Mr. Naylor proceeded to deal with his subject under seven heads, as briefly indicated below.

CHAPEL RECOGNITION

Fathers of chapels, he said, were not necessarily chosen for their experience in the arts of diplomacy, and it might be that some of his hearers had had more or less regrettable experiences with them. If the father of the chapel came to the conclusion that the manager was "up against" him, it was but natural he took the same attitude and was "up against" the manager. He asked them to give full recognition to the father of the chapel as representing the union and the men in the department. This, he thought, would go a long way towards securing that co-operation which was greatly to be desired.

OVERTIME

One of the most difficult administrative reforms in the workshop was the introduction of an overtime limit, yet he was sure, however strict their regard for the interests of the business, they would not be willing, even if they had the opportunity, to go back to the old conditions of unrestricted overtime. They sympathised with men who were called upon to work overtime night after night. And they knew that the industry, managers and overseers included, had reaped the benefit of restriction, as was shown in improved health and was reflected in mortality statistics. He admitted that the printing trade was peculiar in regard to the way in which work was received, and he could not imagine any period to arise, with industrial conditions as they are to-day, in which it could be said there was no necessity for overtime. On the other hand, too much regard was paid to the desires of customers in respect of urgent deliveries,

master printers sometimes not having the strength of mind to refuse what was asked. Real emergencies, however, sometimes arose, and then—provided the emergency was really unexpected—there was always the opportunity of persuading the union official to take a reasonable view of the position, and to agree to an extension of the overtime limit.

Unfortunately, the overtime limit had in some cases come to be regarded not only as the maximum but also as the minimum. The limit agreed between the L.M.P.A. and the L.S.C.—twenty-four hours over four weeks, with a maximum of nine hours in any one week—had come to be regarded as permissible, week in, week out, through the year. He did not think it fair to the men to be called upon to work systematic overtime in this way; moreover, employers who did this were not likely to be granted an extension unless in a great emergency. A certain amount of overtime might be avoided by employing some of the men out of work. For avoiding overtime, the best method was the introduction of a night-shift—even if it meant only two men for a matter of a few weeks in the busier periods of the year. This might be found an economical way of getting out the extra work, in view of the difference of rates between overtime after midnight and night-shift work.

TRANSFERS BETWEEN CASE AND MACHINE

Dealing with the regulations relating to the transfer of men from case to machine and vice-versa, Mr. Naylor explained that the restrictions originated in the displacement of labour caused by the introduction of the typesetting machine. He admitted that the ideal position would be to permit the free interchange of men from case to machine and vice versa, as circumstances demanded. But the L.S.C. was never free from a fairly large percentage of unemployed members. The position had been affected to a great extent by the Holidays Agreement, whereby a scarcity of Linotype and Monotype operators was created in the holiday season. In view of this, a modification of the restriction was recognised during the holiday season, by allowing transfers from case to machine. Again, if an operator were away ill, a case hand could be placed at machine. Managers could help themselves by making sure that at least one, if not two, of the case hands had opportunity to qualify as operators, as a provision against shortage of operators in the holiday period.

Proceeding to speak of the fortnight's notice required, under ordinary conditions, before a transfer could be made, Mr. Naylor said that such notice could be given only a certain number of times. Difficulty sometimes arose because this was not understood. A man could be transferred from case to machine, after a fortnight's notice; he could be put back to case, after a fortnight's notice; then, if the occasion arose, he could be transferred once more to machine, after a fortnight's notice; but there the process was finished—he could not be given notice again—two engagements at case, two at machine. "Twice each way," said Mr. Naylor, adding that this rule would be easily remembered by those who understood betting terms.

APPRENTICES

Referring to the agreed proportion of apprentices to journeymen, he said that the Society regretted that there was a desire on the part of certain master printers

Machinery & Supplies for Printers & Stereotypers



Get Lights

to See

to your Foundry

THE SPECIALISTS IN:—

Stereo Equipment

Dry Flongs

and

Moulding Materials

WILLIAM J. LIGHT & CO., LTD.

MANUFACTURERS and SPECIALISTS

36-38, WHITEFRIARS ST., FLEET ST., LONDON, E.C.4.

Telephone : Central 3839

Telegrams : Winkolight, Fleet, London.

Please say you saw the Advertisement in BRITISH AND COLONIAL, PRINTER AND STATIONER

always to work up to the maximum of the ratio. The Society was not in a position to oppose the right, but they objected to any effort to exceed the ratio by reducing the period of apprenticeship. It had to be remembered that, rightly or wrongly, the agreed period of apprenticeship was still seven years. Reasonable modification of the rule had been made, however, in respect of the excellent scheme introduced in connection with the L.C.C. Central School of Arts and Crafts, whereby two years of a boy's school training counted as two years of his apprenticeship to the printing trade—provided that some firm had promised him apprenticeship on entering the school.

SHORT-TERM ENGAGEMENTS

Dealing with the engagement of compositors for limited periods, Mr. Naylor explained that the Scale provided a casual rate for men engaged for less than a fortnight. As a general rule, however, a man was engaged for a fortnight, and received the minimum rate. After the first fortnight he was permitted to work for another fortnight, and then for a third fortnight, after which it was expected that he would be put on the staff and not be liable to discharge without a fortnight's notice. They would probably agree with him that it was unreasonable that men should be employed—as in his experience they had sometimes been—fortnight after fortnight for six months or more, never knowing from one fortnight to another whether they would be put "on the pavement."

LAYOUT MEN

Mr. Naylor's next point related to the preparation of layouts—a matter, he remarked, that had hitherto been left too much to the advertising man—and he claimed that the compositor was naturally the best man to carry out this work, as he possessed an inside knowledge of the difficulties and possibilities of typography, and, if he was worth his salt, of the changing fashions in type and the best way to create a desired effect. The speaker referred with satisfaction to the efforts of the L.S.C. Jobbing Guild in assisting compositors to equip themselves in this direction. He hoped other firms would follow the example many had set of having compositors in the layout department, or a compositor in the composing department specialising in laying-out or scheming the work.

MERIT MONEY

The last point dealt with was wages, and here Mr. Naylor expressed his understanding of the manager or overseer, especially if newly promoted from the frame, whose ambition was to advance the firm's interests by engaging first-rate men at the minimum wage. But it would be better, he said, if overseers gave recognition to merit by the payment of extra money. He apologised to the large number of his hearers already doing this, as he proceeded to urge that the payment of higher wages attracted superior craftsmen and encouraged them to stay at their jobs. Managers would find, if they gave this practice a fair trial over a sufficient period, that average profits would be increased rather than reduced by its adoption.

THE MILLENNIUM

Mr. Naylor closed amusingly with a roseate picture of the time when there would be such complete understanding on all sides that the L.S.C. secretary would never have to visit managers or overseers individually, and fathers of chapels and overseers would never have a difference of opinion on any point. He would know then that his years as secretary of the L.S.C. had not been spent in vain, and he could retire to a leisurely and happy old age.

DISCUSSION

At the close of Mr. Naylor's address, the president, Mr. A. T. Walters, referred to its interest and educative value, and proceeded to comment upon a few of the points dealt with; he then threw the meeting open for discussion. Many members were eager to avail themselves of the opportunity, and the discussion would doubtless have been an inordinately long one had not time-limitations intervened. The participants included Messrs. W. Cooper, J. Acton, C. Fisher, A. Spring, and M. Odell.

In the course of his replies to the principal points of the discussion, Mr. Naylor urged that all communications with the trade union should be made through the father of the chapel, not by the overseer; and he explained, amid laughter, that this was stipulated "so that we may smooth the way for the purposes the overseer has in view."

With regard to the training of case hands as machine operators, he suggested it was worth while for the case hand to obtain this instruction at his own expense.

As to boys who were not indentured, but drifted from office to office, he said that, although there were exceptions, the general rule was that such lads were deficient in knowledge of the trade; in considering applications for trade union membership, however, they did not necessarily bar the non-indentured compositor, nor did they regard a seven-years' apprenticeship as being in itself sufficient recommendation.

Justifying the L.S.C. position in respect of the ratio of apprentices to journeymen, he pointed to the surplus number of compositors in London, mentioning that 537 men had taken unemployment benefit from the L.S.C. on the previous Saturday.

Attention having been drawn to the difficulties of overtime restrictions in large periodical houses, Mr. Naylor admitted that it would be absurd to suggest that all this overtime could be dispensed with by taking on outside men; at the same time he suggested that a lot of work was being done on overtime that could be done in the ordinary time; in this connection he said that the standard ability of the men out of work was much higher now than a few years ago.

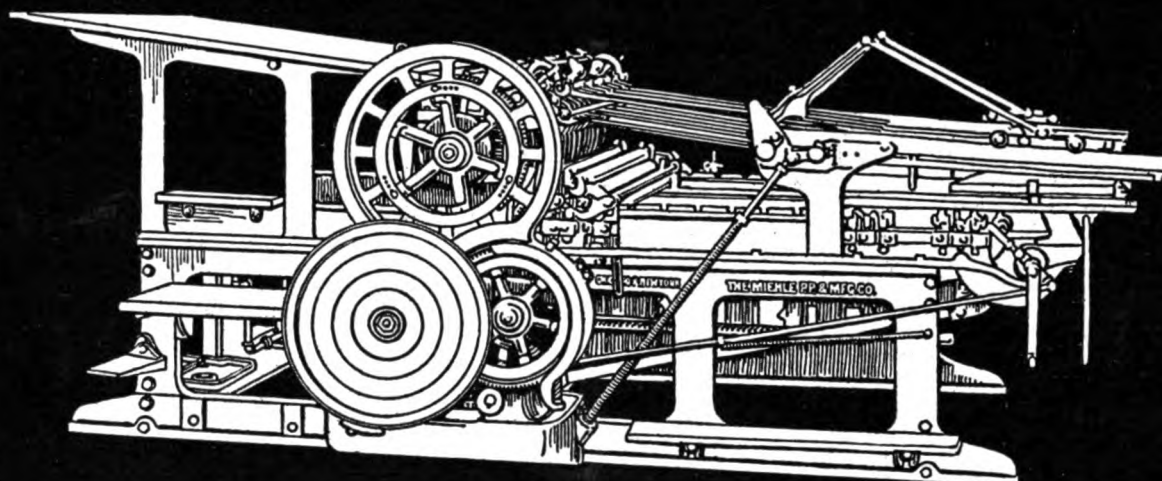
A vote of thanks having been proposed by Mr. E. H. Berryman, seconded by Mr. G. Phillips, and carried with acclamation, the meeting ended in hearty laughter as Mr. Naylor, responding, remarked that it was a pleasant change for him to come before "a body of intelligent and appreciative men, after being all day in the House of Commons."

NEW MEMBERS ELECTED

The evening's preliminary business had included the election of six applicants into membership of the Association, namely: Mr. H. F. Barnett (Solicitors' Law Stationers Society, 102-107, Fetter Lane, E.C.); overseer, letterpress machine dept.); Mr. J. G. Binge (Messrs. Balding and Mansell, Wisbeck, Cambs.; overseer, machine dept.); Mr. S. J. Cole (Messrs. Boyle, Son and Watchurst, Ltd., 148, Upper Thames Street, E.C.4; general manager); Mr. H. W. Gwinnell (Fleetway Press, Dane Street, High Holborn, W.C.; overseer, composing dept.); Mr. A. Schofield (Messrs. Balding and Mansell, Park Works, Wisbeck, Cambs.; overseer, composing dept.); Mr. A. G. White (Messrs. Suttley and Silverlock, Ltd., Blackfriars Road, S.E.1; overseer, composing dept.).

The meeting approved a recommendation by the council that the Association's annual dinner and dance be held at the Hotel Cecil on April 12th.

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Fifty Years of Plate-Making

Stereotypers' Overseers' Meeting

At the monthly meeting of the Electrotypers and Stereotypers Managers and Overseers' Association, held on Thursday at St. Bride Institute, Bride Lane, E.C., Mr. J. S. Sunderland gave an interesting chat on "Fifty Years of Plates, Printing and Progress," his subject being made more educative by an exhibition of a large number of early printings from steel engravings and wood blocks, many of which showed the great skill and ability of the old hand engraver.

The chair was occupied by Mr. A. Chadwell (president), who was supported by Mr. J. Black (vice-president), Mr. W. Bullett (general secretary), and a good attendance of the members.

Mr. B. Wood (B. Dellagana and Co., Ltd.) was admitted to membership and Mr. Hugh Dixon (L. S. Dixon and Co., Ltd.) to honorary membership.

The balance-sheet for 1929 was next presented to the meeting, and on the proposition of Mr. Clack, seconded by Mr. J. Miller, was unanimously carried, both gentlemen congratulating the secretary and the committee on the excellent financial condition of the Association.

The chairman drew attention to the fact that Mr. Turner and Mr. Evans were occupying the chair at the next concert of the Electrotypers and Stereotypers' Auxiliary on March 31st, and a sum of five guineas was voted from the funds of the Association to this object.

Mr. Sunderland's little chat consisted largely of his own personal recollections of the industry, covering as it does a period of fifty years. He mentioned that as a lad apprenticed at Cassell's—then probably the premier printing house in the whole world—he remembered the comps. and pressmen, as was the custom in those days, going up the stairs in the establishment wearing silk hats and frock coats, the silk hat on starting work being discarded in favour of the paper cap. Illustrations at this time, he said, were done by the plaster process, wood blocks and electrotypes. The blockshop hand enjoyed his business in those days. When the wood blocks arrived in the foundry the workers always saw in it some new beauty and the character of the artist. Nowadays the half-tone block had no variety. Wood blocks when they came to the foundry had often been drawn upon by famous artists who at the time exhibited at the Royal Academy, and their work gave an added interest to the workers. Compared with those of the days gone by the speaker regarded book, magazine and newspaper illustrations of the present day as monotonous. Although the wood block was still in vogue till 1890, the first process block was introduced in London about 1878. He did not know who was really entitled to the credit for its introduction, and did not think anybody else knew either.

After dealing with the work of Meisenbach and the early difficulties of the new processes as they gradually came into use, the Max Levi screen, the Ives process, and many others which at that time were regarded with great secrecy, the speaker mentioned the *Daily Graphic* as a pioneer in the use of half-tone illustrations direct from photographs. He then dealt with the general advance that took place in paper stereotyping, and described the Dalziel process as a great innovation, thus bringing his hearers step by step up to the present day. He touched next on some of the more

modern processes such as offset printing, collotype and photogravure, and said he thought the time was opportune for some kind of research institute where these processes could be studied and developed with an eye not only to their commercial possibilities but to their artistic advancement. The changes that had taken place during the last fifty years had been very great, and nobody could tell what the future held in store. In closing, he remarked that, because of its speed, they could see no likelihood at the present time of the stereotype being eliminated.

Many of the points raised by Mr. Sunderland were commented upon by the chairman, Messrs Filkins and Forsyth.

A hearty vote of thanks was accorded Mr. Sunderland on the proposition of Mr. J. Black, who referred to Mr. Sunderland's regret at the present-day absence of artistic work, and Mr. J. Miller, in seconding, said that although £ s. d. played such an important part in printing to-day, they must not forget that all over the world people were making strides to improve it. They were at present trying some wonderful things, the latest being water-colour printing.

Reconditioning Old Machines

In the Scottish Valuation Appeal Court on Thursday, the Inland Revenue officer appealed against a decision of the Glasgow Valuation Committee in respect of premises consisting of two storeys, ground floor, and basement at 63, North Frederick Street, Glasgow, occupied as a Scottish branch by Dawson, Payne, and Elliott (Ltd.), printers' engineers, Oiley, Yorkshire. The Committee were of opinion that the premises were occupied and used as a factory within the meaning of the Statute in that manual labour was exercised therein in altering, repairing, and adapting for sale old machines taken in part payment of new ones, and that the primary use of the premises was the reconditioning of these machines.

The appeal was allowed by a majority of the Court.

Lord Hunter said that from the description of the premises given by the Committee he was of the opinion that the premises were primarily used in connection with the distributive and not the manufacturing side of the respondents' business.

Lord Sands concurred.

Lord Fleming said he did not feel justified in saying that the Committee erred in finding that these premises were primarily used for industrial purposes.

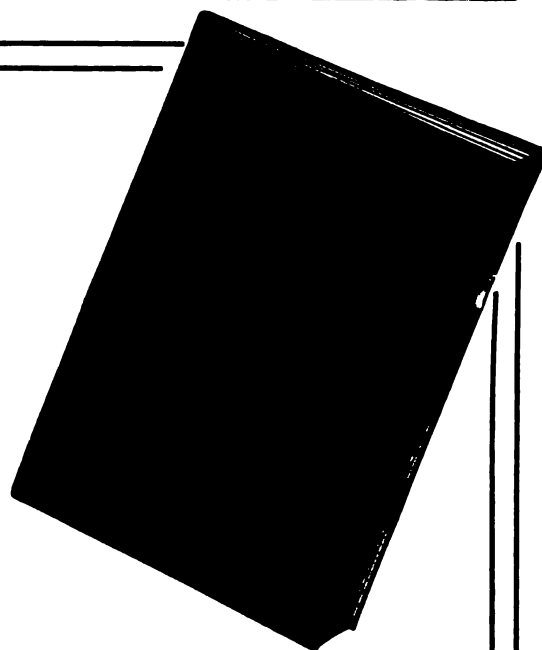
A number of cases are ruled by this decision.

"EQUIPMENT as it effects production, and affects financial resources," is the subject of an address to be given by Mr. J. D. Wise to the South-West Master Printers Association on Tuesday, March 4th. The lecture will be the fourth of the "Trend of Events" series organised by this Association.

THE Association of Master Printers of East and North-East London will meet at the Universal Restaurant, 411, High Street, Stratford, E.15, on Wednesday next, when it is hoped the Association's junior master printers will express their own ideas in their own way on matters affecting their own business, the trade generally and the work of the Association. This meeting will also discuss the possibility of forming a tennis and bowls club, to be run exclusively for the benefit of members, their wives, sons and daughters.

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Bookbinders' Overseers' New President

Mr. J. A. Esler, in being called to the presidential chair of the Printing, Bookbinding and Kindred Trades' Overseers Association, follows in a long line of well-known representatives of the craft who have occupied this position. From every point of view his qualities of heart and his ability admirably fit him for the post. The fact that he has been appointed to the highest position which the Association offers to its members is adequate testimony to the regard in which he is held throughout the membership.

Mr. Esler was born 45 years ago in Belfast, in which city he served his apprenticeship in the binding depart-



MR. J. A. ESLER

ment of Robert Caswell and Son, Ltd. After his apprenticeship he looked ahead for further experience, which he found first at the well-known binding establishment of Messrs. Chivers, of Bath, and afterwards with Messrs. W. S. Cowell, Ltd., of Ipswich. Subsequently he came to London and, after a short period with Messrs. Burrup, Mathieson and Coy., took over his present position of manager of the binding department of Messrs. Hazell, Watson and Viney, Ltd., in Long Acre, a post he has successfully occupied for some six years.

Mr. Esler has always taken a keen interest in technical education, and, in addition to being the Association's honorary technical representative, is a member of the Advisory Council of the London School of Printing, also a member of the Stationers' Company and Printing Industry Technical Board. He is the author of the very practical and helpful series of articles on bookbinding subjects appearing in the pages of this journal.

During the War Mr. Esler served for over three years overseas with the Royal Artillery.

In accepting the presidency, Mr. Esler has, we are sure, no more sincere well-wishers for his future success than his predecessors in the office.

Binders' Overseers Association Annual Meeting

Evidence of the keen interest taken in its affairs by the members of the Printing, Bookbinding and Kindred Trades' Overseers Association was shown on Tuesday last week at St. Bride Institute by the large gathering which attended the annual meeting. From every angle the Association continues to exhibit steady progress, and its usefulness to those it aims to serve broadens out in the passage of time.

The very satisfactory annual report, which refers to the main activities of the Association last year, indicates many of the matters that made the twelve months so successful. It includes remarks as to the social side of the Association's work, its interest in benevolent institutions, and the educational gain the members received as a result of the monthly lectures and discussion. Sympathetic reference is made to the loss the Association felt at the death of Mr. A. W. Sandilands, treasurer, whose charming personality will live long in the history of the Association. Allusion is also made to the retirement of Mr. Arthur Cox (general secretary) and Mr. A. J. Jones (financial secretary), whose combined work for the welfare of the Association was very highly appreciated. Concerning the financial side of the Association's work the balance-sheet evidences further progress, increases being shown in practically every department.

The chair was occupied by Mr. A. E. Walters (president), supported by Mr. J. A. Esler (vice-president).

In considering the annual report, Mr. J. Fleming (a past president), in moving its adoption said he thought the secretary and the executive committee were to be congratulated on the success which the report evidenced. Mr. A. J. Jones, in seconding, spoke in similar vein.

The annual report having been adopted, the attention of the meeting was given to the annual balance-sheet, which was also approved. This document met with a good deal of commendation, notably by Messrs. Cox, Jones and Esler.

Included in several items of correspondence was a letter from Mr. J. R. Riddell drawing attention to the Association's contribution to the Stationers' Company and Printing Industry Technical Board and to its appointment of two examiners of the work of bookbinding students at the London School of Printing. A grant of five guineas was made to the Technical Board and Messrs. Bembridge and W. H. Hillman were appointed to carry out the duties of examiners as suggested in the letter.

An application for honorary membership was made by Mr. Percy Baker Criswick (Messrs. Bartons, Paper and Cardboard Co., Ltd.), the application being heartily accepted.

OFFICERS ELECTED

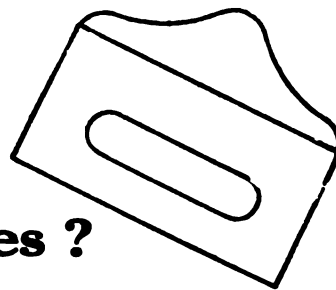
The meeting next turned its attention to the appointment of officers for the ensuing year.

On the proposition of Mr. G. J. Hellery, seconded by Mr. J. Dixon, Mr. J. A. Esler was unanimously and very heartily elected to the position of president.

Mr. Walters then vacated the chair in favour of Mr. Esler, and in doing so invested his successor with the collar and badge of office. The retiring president then went on to say that he greatly valued the loyalty shown to him by the executive and the whole of the members during his two years of office. They had been to him happy years, and he trusted they had been of benefit to the Association. He heartily congratulated Mr. Esler on his appointment as president, and hoped he

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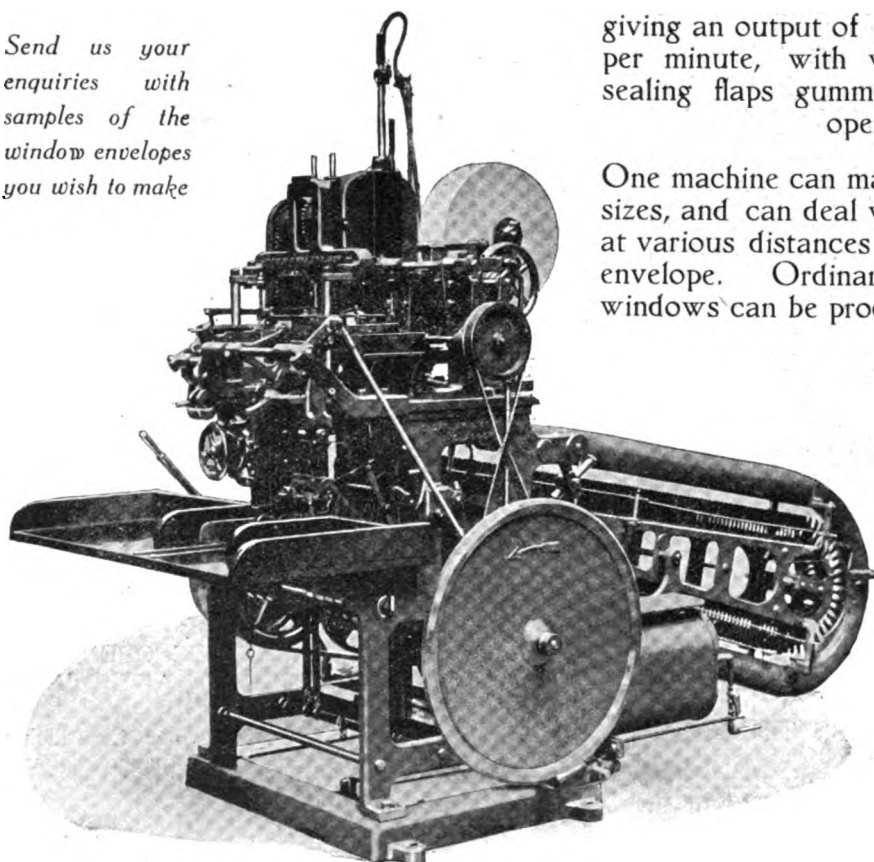
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would receive from the members the same support and loyalty.

Mr. Esler, in returning thanks for the honour conferred upon him, said he was conscious of the responsibilities attaching to the office. He could assure them of his continuous efforts for the well-being and prosperity of the Association. He looked forward to a period of usefulness and prosperity.

Mr. Esler then paid a tribute to the work of Mr. Walters as president, and called for a hearty vote of thanks to him for his valuable services to the Association. Mr. Fleming seconded and the vote of thanks was heartily endorsed.

Before rising to return thanks, Mr. Walters was presented at the hands of Mr. Esler with a past-president's badge.

Nominations were next received for the position of vice-president, and after a ballot Mr. Maurice Hunt (a son of Mr. Tom. Hunt, one of the founders of the Association) was declared successful.

Mr. Maurice Hunt having briefly returned thanks for his election, the meeting proceeded to fill the post of treasurer caused by the death of Mr. A. W. Sandilands. A proposition, moved by Mr. Bryan that Mr. Walters be asked to fill the post was enthusiastically carried, and Mr. Walters responded.

Mr. J. A. Esler was re-elected hon. technical advisor to the Association, whilst Mr. Bryan was re-elected secretary, Mr. S. J. Wills and Mr. G. J. Hellery trustees, and Mr. W. F. Cribb financial secretary. Three new committeemen were elected in Messrs. C. H. Mordy, P. H. Paton and H. S. West.

The stewards for the annual dinner, to be held on March 29th at the Ifolborn Restaurant, were chosen as follows: Messrs. Arthur Cox, J. A. Goldbourne, Y. H. Lyon and R. Bryan.

SAFETY DEVICES.—Many of the exhibits recently added to the Home Office Industrial Museum in Horseferry Road show how easily and cheaply working conditions can be improved and output increased. Amongst machinery represented is the hand-fed platen press, a well-known source of danger. Two platens are shown, made safe, in the one case, by a moving guard which raises the worker's hand as the paper swings up to meet the plate, and, in the other, by a device which sweeps the hand out of the way as the heavy plates come together.

THE Science Museum has added to its series of machines illustrating the development of printing two interesting presses. The earlier is the original "Stanhope" machine, bought by the Oxford University Press from Charles Lord Stanhope in 1805, together with his "secret process" of stereotyping in a handpress, and his system of logotypes, for the sum of £4,000. The other is one of the first "Albion" machines of 1835, which was used by the late Dr. Daniel, Provost of Worcester College, and is now lent by the Curators of the Bodleian Library.

CURIOUS WAGE DISPUTE.—A German printing works, employing some 300 hands, recently ran short of coal owing to unusually severe winter weather, and had to shut down for a day. The workers demanded payment of wages for that day, and the case was taken to court (at Leipzig). Judgment was given for the workers on the ground that a stoppage through a shortage of coal is a risk taken by the manufacturer, who must know that an extraordinarily cold period may come and must therefore provide sufficient fuel to cover such a contingency.

New British Patents

APPLICATIONS

- Addressograph Co. Printing machines. 3,327, 3,425.
 Allman, P., and Haward, E. W. Printing surfaces. 2,822.
 Chapman, Ltd., H. W., and Battson, H. Cardboard boxes, &c. 3,194.
 Crawshaw, E. Means for securing printing-rollers against axial movement. 3,297.
 Intertype Corporation. Keyboards for typographical machines. 2,747.
 Murray, C. N. Envelopes. 3,467.
 Phillips, J. E., and Thackeray, A. G. Moulds for casting printers' furniture. 2,995.
 Priestly, C. R. Playing cards. 2,889.
 Ranger, A. W. Platen printing presses. 2,810.
 Rosenfelder, E. Sheets or books. 2,768, 2,769, 2,770, 2,771.
 Sforza, G. Cartons for cigarettes, &c. 3,121.
 Slaterry, M. J. Matrices for casting printers' type, &c. 3,513.
 Spiess, G. Sheet-folding apparatus. 3,507.

SPECIFICATIONS PUBLISHED

1928

- Burdick, C. L. Paper-folding machines. 324,377.
 Lange, G. N. Printing presses. 324,429.
 Ritchie, A. S., and Ritchie and Sons, Ltd., W. Boxes or cases particularly suitable for carrying stationery. 324,435.
 Rose, A. G., and Rose Bros. (Gainsborough), Ltd. Apparatus for folding and closing the ends of bags, or the like. 324,400.
 Rose, A. G., and Rose Bros. (Gainsborough), Ltd. Apparatus for closing the ends of cartons or like receptacles. 324,401.
 Stephens, A. J. (Box Board Products Co.). Containers. 324,477.

1929

- Faber'sche Buchdruckerei. Printers' letterpress frame. 303,522.
 Filmer, R. H. Folding boxes. 324,614.
 Renck, H. Printing plates and processes for use in the production thereof. 324,576.
 Schnellpressenfabrik Frankenthal Albert et Cie Akt. Ges. Locking or stopping devices for stop-cylinder printing machines. 316,545.
 Spiess, G. Controlling of the piles in sheet feeding and delivery apparatus. 307,891.

COMPLETE SPECIFICATIONS OPEN TO PUBLIC INSPECTION BEFORE ACCEPTANCE

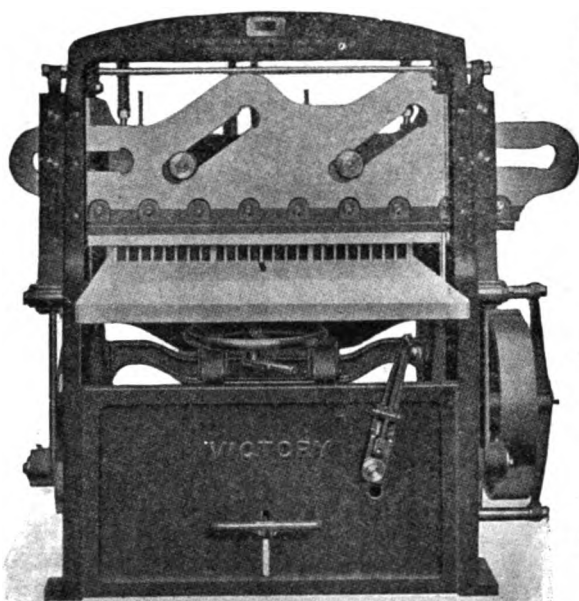
1929

- Masa Ges. zur Herstellung Künstlicher Oberflächen. Method of printing designs on paper, coloured paper, wallpaper, and the like. 31,267.

1930

- Dausmann, C. F. Method of and apparatus for drying ink impressions in web presses. 1,354.
 Spiess, G. Feeding and delivery devices for platen printing presses. 2,422.

PRINTING machinery imported into the Australian Commonwealth in October represented a value of £24,970, against the much larger figure of £65,655 recorded in the corresponding month of the preceding year. In the four months ended October the value of such shipments was £122,857, compared with £138,961 in the corresponding period of the year before.



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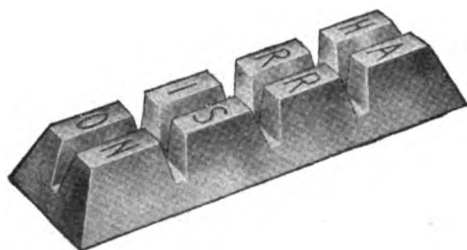
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Printing Sales Management

Mr. Charles Knights on the Sales Manager's Work in Organising a Selling Department

Points that make all the difference between success and failure in the management of printing sales were dealt with by Mr. Charles C. Knights (Fellow of the Incorporated Sales Managers' Association) in addressing a well-attended meeting on Wednesday last week, of the London Central Districts Master Printers' Association.

A UNIQUE PROFESSION

Printing sales management differed from ordinary sales management, said Mr. Knights, in that what was being sold did not exist at the time of selling; the piece of work did not mature until the end of the transaction. It was also true that British business men were extraordinarily backward when it came to buying print. They wanted to "mess it about," and generally insisted on the work being done in their own way. Further, ideas of the value and cost of a piece of printing differed widely, many people having no sense of the value and cost of a job.

PRINTING SALES MANAGERS' FUNCTIONS

Mr. Knights continued: Though printing sales managers' functions differ from those of the ordinary sales manager, he can follow along broadly orthodox lines—constructive, investigative and executive.

1.—He must construct and create his sales department organisation. This means (a) a separate and distinct filing system from the rest of the organisation; (b) a live mailing list—a mailing list that is one year old is helpful, whilst one that is two years old is dangerous, and a three-year-old list is fatal; (c) daily reports from salesmen are highly essential to the sales manager.

2.—Investigate every possible channel of output for your printed matter. The conclusion I have come to is that the salesman who gets the order is generally the man who knows most about his prospect—his likes, dislikes, whims and fancies, etc.

3.—See that the sales department functions properly. It is not hard to devise a system with regard to customers' estimates, work definitely in hand, etc., and once such a system is established it works delightfully.

As a print buyer, I rather pride myself on specialisation—coming into contact with a firm, studying their work and going to them for those particular things. There is a great deal to be said for the system of having different representatives for different departments. If a man is sent out to represent the whole of the firm's activities there is the tendency for him to concentrate on the work for which he finds it easiest to obtain orders, at the expense of the rest of the organisation.

SYSTEMATIZING SALES PROMOTION

Sales promotion can take two forms—print and personality. Every printer should be a steady user of printed salesmanship—he must take his own medicine.

You must, of course, have personal representation as well. The psychological value of the inquiry must not be under-estimated. If you send out say 1,000 letters and get only 23 replies, there is a tendency for the salesman to go to those firms who have expressed an interest, and neglect those who are silent. That is not right, it is not breaking new ground. It is necessary to go after those others.

Nothing will convince me more that a printing house can serve me well than sending me specimens of their work. The average print buyer, whether salesman or advertising manager, is a man who lives by ideas;

therefore if you use printed salesmanship on your own behalf, make it snappy. Don't be afraid of being original. Be a little ultra-modern in your work—anything stodgy or played out won't cut any ice with your customer.

ORGANISING A SERVICE DEPARTMENT

A cynic once defined service as "something which the customer pays for, but which does not figure on the invoice." Personally I prefer to think of service as something extra for which the customer does not pay. It is a matter of getting a man's interest first of all. Get to know him better, and then make your suggestions based on what you have found out. In the case of retail shops, find out at what time of the year they buy their stocks, and have your sales ideas ready before that time. Keep in advance with your ideas.

COMBING FOR BUSINESS

The common fault in salesmen is in "hitting the high spots." When a salesman finds out that he has some large store in his territory he is liable to concentrate on this, and the other larger businesses, neglecting the smaller fry. My advice is, don't of course miss the "high spots," but comb the territory—do them *all* in their turn.

For a small expenditure you can obtain maps of every parish and ward in London and the whole country. By this means you can deal out a portion of territory to a man with the instructions not to go outside it. In the same manner you can cover the whole country.

COMPILING A MAILING LIST

This is an easy matter, but it takes a good man to keep a list alive and up-to-date. Customers should be graded in a mailing list and divided into three categories, "alive, moribund and dead."

Regarding "come-backs," if you are going to send a man a return card, send him something worth his while to put his name to. Return envelopes are often thrown away. If you have time to reply to a man by means of a letter, it is a matter of routine for the typist to type an envelope for the letter. In that case the return envelope is wasted.

To increase the efficiency of the sales force, make the work to plan, and see that the salesman works to that plan until he can prove by actual results that any idea of his own is better. Also, the sales manager should teach the salesman how to use the telephone properly. That is a great point. It is also necessary to remember the salesman's sense of dignity—I like to see salesmen with desks of their own, etc. Finally, the man who has not faith enough in himself to expect part of his remuneration by results, cannot expect you to have much faith in him.

SOME PRACTICAL SUGGESTIONS

(1) Why not issue calendars in June for the second half of the year, and the first half of the next?

(2) A good idea when issuing printed sales matter, etc., is to include a name for the prospect to ask for when calling you up on the telephone. Persons are always much more interesting than things.

(3) When one printing job is finished, get ready for the next. After the placing of the order, that letter of thanks, specimen of the job, and enquiry postcard for the next order mean a lot both to you and the customer.

LEIPZIG 1930 BUGRA



MACHINERY FAIR

commencing 2nd MARCH, 1930.

The largest specialised Fair in the World—held in the "Deutsche Buchgewerbehaus" at Leipzig—for machines and trade requirements of the graphic and paper industry.

Machinery of the following classes will be on exhibition :—

High speed letterpresses, Lithographic presses, Rotogravure printing machines, Offset printing machines, Rotary presses, Platen presses, Plate stamping machines and jobbing hand presses, Machines for printing steel engravings, Stereotyping plants, Continuous paperfeeders, Ticket printing presses and machines for label printing, Type-setting machines, Bronzing machines, Ruling machines, Gumming and varnishing machines, Automatic folding machines, Stitching machines (all systems), Rapid cutting machines, Photo-mechanical machinery for process work, Plate grinding machines and Washing machines for composition rollers, Block-bottom bag machines and envelope making machines, Auto-knock-up machines, Book-binding machinery and allied trades. *Further :—* Wood utensils, Type and type metals, Colours, Bronzes, Machine-webbings, and all material for the graphic industry.

For full particulars apply to :—

The London Office of the Leipzig Fair, 1, Gower St., London, W.C.1
or to :—**Leipziger Messamt, Markt 4, Leipzig.**

S.A.S.

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BADDOUREAU AND JONES LTD.

Fine Art Electrotypers
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General Engravers
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SPECIALITY :

Direct Deposited Nickel
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For Colour Work, Cartons and Cardboard Boxes,
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STEREOTYPING

"PIMPERNEL" SCARLET

THE SECRET
OF ITS REPUTATION IS
TO BE FOUND IN EVERY TIN

Price per lb.

L'PRESS	3/6	PROCESS	4/6
LITHO	5/-	OFFSET	5/6

Made by

**SHACKELL,
EDWARDS & CO.,
LTD.**

LONDON, E.C.4

The Typography of Advertisements

By T. Wilson Philip (of the Fanfare Press)*

What a power for good lies in the hands of the typographer, upon whose skill, more than that of anyone else, depends the successful marketing of the world's merchandise! Many an expensive advertising scheme, quite good in other respects, has failed as a result of poor typography. Good typography is the foundation of the advertising structure. If advertisers could be made to realise this our present trade depression would give place to prosperity. These are no idle words, for it has been proved, time and again, that good typography is a necessary aid in promoting business.

CO-OPERATIVE EFFORT

There is a great need for closer co-operation with the typographer if advertisements are to fulfil their object in assisting to sell goods, and this applies equally to all printed matter.

Now, let us review the main factors that enter into the production of advertisements: (1) Those who direct the policy—that is, who devise the scheme and the extent of the campaign; (2) the typographer; (3) the copywriter; (4) the artist; (5) the compositor. You will notice that I place the typographer second on the list, and rightly so, for above all things, the typography—that which interprets the copy in suitable and appropriate form—is the most important consideration of all. By typography I mean the assembling, in the form of a layout, of the various elements comprising an advertisement—the copy, the type, and the picture—into one harmonious whole, each part a fitting complement to the other.

Cobden-Sanderson summed up typography very aptly when he said: "The whole duty of typography is to communicate to the imagination, without loss by the way, the thought or image intended to be communicated by the author." When Cobden-Sanderson used the words "without loss by the way," he no doubt had in mind the obstructions of preponderating pictures, useless decoration, closely-massed type, and absence of white space.

Although the typographer should govern the designing of an advertisement, there should be close association between all four participants in the practical side of the work. The copywriter must comply with the word requirements, and the artist with the pictorial requirements, to leave adequate space for the telling of the message in a clear and unmistakable manner.

The careful typographer will co-operate with his artist by giving him a proof of the type he has chosen for the advertisement, printed on newsprint and underlined to conform with newspaper conditions, so that he may judge of correct colour values. And when the artist has done his drawing, this should be tested for reduction by trying out on the camera before being passed as typographically suitable.

THE TYPOGRAPHER'S CONSIDERATIONS

The typographer has a good many things to consider in advertisement typography: (1) The class of buyer to whom the advertisement is to appeal (2) Whether it is one of a cumulative series; (3) Whether it is to be illustrated; (4) The medium in which it is to appear, and the space to be filled; (5) What style has previously been adopted by the advertiser; and whether it is de-

sirable to link up with it; (6) What is being done by trade competitors.

Type-selection is governed by the subject. If perfumery—Fournier-le-Jeune and Garamond; if a half-price sale—Cheltenham or Goudy Bold; if jewellery—Goudy old style; if a bank—Caslon Old Face, and so on.

In the case of advertisements running in series, the typographer must consider how properly to connect one advertisement with the other, without too close adherence to mechanical details. He may decide on a border to be repeated throughout the series, deriving sufficient variety by changes of picture. He may devise a trade-mark or some pleasing distinction in type-setting to preserve continuity. For multiple advertisements of varying size, covering a wide campaign, a border should be used that readily lends itself to reduction or extension. Nothing looks more unsightly than an advertisement that does not fit the space it is intended to fill; it is like asking a youngster to wear his father's boots. The arranging of a series of the same advertisement in varying sizes calls for considerable typographic skill, so that economy is not effected at the expense of appearance.

STUDY YOUR SPACE

It is advisable to group together those papers in which the spaces are nearly uniform, giving each group a special setting to suit the smallest size in the group. The Monotype proportional system of composition, by which the size of the text type can be reduced by using the same ribbon without resetting, should be more widely known and utilised. One ought to get the full value out of the space to be utilised. It is deplorable to see the wastage of costly space in the newspaper press when a little typographic understanding would put matters right at little expense.

The possibilities of typography are as yet scarcely tapped. We have some hard work before us to make users of printing realise that it is to the typographer that they must look for an uplift in trade. Let us not weary in our efforts to put our cause over, because it is a good and worthy cause and well worth fighting for.

ENTITLED "Fifty Years a Journalist," a quarto brochure has just been issued comprising the recollections of Mr. Hartley Aspden, C.B.E., J.P., Fellow of the Institute of Journalists, for twenty years director of the Amalgamated Press, Ltd. These entertaining recollections cover a very wide range, amongst the interesting things chronicled being the romantic rise to success of the late Viscount Northcliffe. The publishers are the Clitheroe Advertiser and Times Co., Ltd., and the price is 1s. (1s. 3d. post free).

THE "Hindu Annual," printed and published at the office of the *Hindu*, Madras, India, exemplifies the printing not only of text matter but also of illustrations both in monochrome and colour, and does credit to its Indian craftsmen. In some respects the production is open to criticism, judged by Western technical standards; but the printing of a large, high-class illustrated annual is no easy task. The popularity of the publication is indicated by the large amount of advertising carried. It is printed on a Dawson Payne and Elliott Wharfedale.

* In a lecture delivered to members of the British Typographers' Guild, at St. Bride Technical Library, on February 4th.

"CHROMORECTA" PROCESS

Negatives or positives colour corrected by the patent "Chromorecta" process possess life, energy, contrast, strength, and character, for making

PHOTO-LITHO PLATES

regardless of the number of colours to be used.

The "rights" of using this process can be secured from the proprietors of the patent on favourable terms for which a special license will be granted.

Terms: Upon application. Demonstrations arranged by appointment.

GEORGE MANN & CO., LTD

AMPTON St., Gray's Inn Rd., LONDON, W.C.1

Telephone - Terminus 5741 Cables - Lithoman, London

Lorilleux & Bolton^{LD}

PRINTING INKS

VARNISHES

ECLIPSE WORKS, ASHLEY RD.
TOTTENHAM HALE, N.17

Have you sent
for your copy



Forwarded
Post Free
by Return

From
**B. WINSTONE
& SONS, LTD.,**
100-1 Shoe Lane, London E.C.4



*Flexible Bindings from Quarter Bound
Cloth to Full Leather
Solid Edges*

BAILEY BROS. LTD.

Directors: F. DEANE BAILEY, & J. ALEX. BAILEY
Established 1861

Wholesale Bookbinders



**CLARENDON
BUILDINGS,**
Ronalds Road,
Highbury, N.5

Telephone
North **0462.**

Telegrams:
"Bookbindery, Nordo
London."

Country News

BELFAST

MR. WILLIAM MAXWELL, president of the Federation of Master Printers, accompanied by his daughter, visited Belfast for the recent annual meeting of the Belfast Master Printers' Association. On Monday of last week the annual meeting took place, following which Mr. Maxwell was the guest of honour at dinner. Whilst in Belfast, Mr. and Miss Maxwell were conducted through the *Telegraph* office by Sir Robert

A NUMBER of printing specimens produced by students of the Birmingham School of Printing (Central School of Arts and Crafts) provide an illustration of the high-class work done at this institution. The specimens sent us are indicative of every branch of printing produced at the school, and all are distinguished by their excellence of craftsmanship. Much of the letterpress was set and cast by Monotype students, and includes book pages, remarkably well produced; similar praise may be given to specimens of advertisement layout and the very fine process work.

BRADFORD

THE Bradford Corporation Finance (Estimates) Committee should, on Friday last, have considered a report from the Town Clerk on the proposed municipal printing works, but the matter was adjourned.

GLASGOW

BURGLARS who entered the premises of Messrs. Reid Bros., printers and wholesale stationers, Bridgeton, Glasgow, gagged the night watchman and bound him to a chair. They then raided the safe, which, however, contained only books. The watchman was not released until his discovery, some thirteen hours later.

MAIDSTONE

To the regret of many friends, there passed away in the West Kent General Hospital last week Mr. William Richard Brown, of Maidstone, who had just attained his 84th birthday. Born in Maidstone in 1846, Mr. Brown was a son of the late Mr. William Richard Brown, who for upwards of 50 years had charge of the machinery at the *South Eastern Gazette* office, under the Cutbush family. As a boy he helped in the production of the early copies of the *Maidstone Telegraph* (afterwards *Kent Messenger*) and when the paper was taken over from the founder (Mr. J. Lurcock) by Messrs. W. R. and F. Masters, he became the latter's first apprentice. Having spent some time in the printing department he subsequently became chief reporter. Deceased was at the *Kent Messenger* office for 27 years. Then he went to London, where he engaged in sub-editorial and editorial work, finally establishing a printing and stationery business at St. Mary Cray, from which he retired at the age of 75.

NOTTINGHAM

COMPLETE success attended the annual dinner of the North Midlands Centre of the Printers' Managers and Overseers Association at the Albert Hotel, Nottingham, on Saturday. The event brought together a happy company of those in charge of the various departments in the many large printing establishments in and around Nottingham, Derby and Lincoln, and the



Photo: "Belfast Telegraph"

MR. WILLIAM MAXWELL (sitting, left), President of the Federation of Master Printers, photographed on his visit to Belfast. Beside him is SIR ROBERT BAIRD, D.L., and behind are MISS MAXWELL and COUNCILLOR WILLIAM SWEENEY, President of the Belfast Master Printers' Association.

Baird, D.L. They left on the Tuesday for Dublin to attend master printers' functions there.

BIRMINGHAM

FIRE broke out at the factory of Messrs. Carrs (Birmingham), Ltd., paper manufacturers, of Keeley Street, on Friday. It took seven fire engines two hours to put out the flames.

For the past 18 months the Birmingham Typographical Society have been endeavouring to secure an interview with the Birmingham Football Club directors with a view to the Club's printing being given to a trade union firm. Having failed, the Society appealed to the Birmingham Trades Council to send a deputation at an early date to the Birmingham Football Club directors. At a recent meeting of the Trades Council the president stated that a request had been made for such a deputation to be received, and a reply was awaited. All affiliated bodies were asked to send a resolution of protest to the St. Andrew's Club.

number of ladies present was a particularly gratifying feature. Mr. A. G. Gall, the president, was in the chair.

NOTTINGHAM

MR. G. M. SADLER, J.P., having resigned the secretaryships of both the Nottingham and District Printing and Kindred Trades Federation and the Joint Industrial Council in the area after having held the former for over 20 years and the latter since the inception of that body—it has been decided to make him a presentation on behalf of the two bodies jointly. Recognising the great services he has rendered to the printing trade in Nottingham throughout the whole of his career, the employers' side, as well as the trade union side of the J.I.C., have signified their intention of associating themselves with the presentation. A small sub-committee of the P. and K.T.F., consisting of Messrs. E. Button, S. Carnell and W. B. Stevenson, is considering arranging a complimentary dinner or some similar function at which the presentation can be made.

OXFORD

THE annual dinner of the Oxfordshire Master Printers' Association takes place on Monday, February 17th, Mr. F. H. Bissett (joint secretary) and Mr. L. J. Cumner (assistant-secretary) of the Federation of Master Printers, will be among the guests.

PLYMOUTH

PLYMOUTH Corporation is inviting tenders for printing, stationery, educational publications, etc. The Town Clerk is Mr. R. J. Fittall, at the Municipal Offices, Plymouth, by whom tenders have to be received by noon on February 28th.

STAFFORDSHIRE

At the recent annual meeting of the North Staffordshire Master Printers' Association at Burslem, the officers were re-elected as follows:—President, Mr. Alex. Webberley; vice-presidents, Mr. W. Savage (Burslem) Mr. E. H. Eardley (Tunstall) and Mr. A. C. J. Sherwin (Hanley); hon. treasurer, Mr. G. T. Bagguley, of Newcastle; secretaries, Messrs. Bournier, Bullock and Co., of Hanley.

SOUTH SHIELDS

SERIOUS damage was done last week by fire at the printing works of Messrs. Sword, Back Dixon Street, South Shields. The top storey, which contained machinery, type and paper, was gutted.

YORKSHIRE

MR. W. H. SESSIONS, president of the Yorkshire Alliance of Master Printers, is having a busy time visiting the various Associations in the Alliance, and addressing them, as he is well able to do, on live printing trade subjects. Thursday last found him at Sheffield addressing the local Association on "Profits in the Printing Trade," then on the following day he attended the annual dinner of the Huddersfield Master Printers, and had some helpful things to say on quality and costs in printing.

THE annual dinner of the Yorkshire Master Printers Alliance is to be held on February 28th, and will be attended by Mr. William Maxwell (president) and Mr. A. E. Goodwin (Director) of the Federation of Master Printers.

DURING 1929 there were two disputes in the paper, printing, etc., group of trades, affecting 400 workpeople and representing an aggregate duration in working days of 20,000. For 1928 the respective figures were: disputes 3, workpeople 600, working days 4,000.

Amalgamated Press, Ltd.

Proposed Development at Gravesend

The annual dinner of the Machine and Managers' Chapels of the Amalgamated Press, Ltd. (Gravesend branch), held at the Masonic Hall, on Saturday, was a big success. The company numbered sixty-three, and the proceedings throughout marked a cordial comradeship. Mr. W. Bagley (overseer of the machine room) presided, supported by Mr. P. Lidbetter (deputy overseer), Mr. A. Smith (manager), Mr. H. Flower (counting house), Mr. George Chapman (F.O.C.). In replying to the toast of "The Firm," proposed by Mr. W. H. Phillips, Mr. Smith said he was pleased to say they were looking forward to a busy period and further developments in regard to new machinery.

Process Copper Sheets

In the present state of trade it is particularly gratifying to hear of a British firm, having introduced a new line, succeeding in beating overseas competition which has previously monopolised business. Such is the case with the super-finished copper sheets produced as an exclusive speciality by the British Insulated Cables, Ltd., of Prescott, Lancashire.

The mirror-like surface of these sheets is obtained by a special rolling method, which dispenses with grinding, buffing or other subsequent finishing processes, and obviates the usual liability to the development of scratches. Further advantages claimed for these sheets include greater durability of surface, more uniform thickness and lower price.

Known as "S.D." copper sheets, they are distributed solely by the S.D. Syndicate, Ltd., 14-18, Queen Victoria Street, London, E.C.4.

PARTNERSHIP has been dissolved between E. H. Old and H. W. J. Cant, engravers and copper plate printers, 168, Victoria Street, S.W.1, under the style of Old and Cant.

THE members of the local Rotary Club visited the Gravesend works of the Amalgamated Press, Ltd., on Wednesday, when an inspection of the various processes of making a book proved highly interesting and instructive. An outline of the work in connection with the productions of the Amalgamated Press formed the subject of an excellent address previously given by Mr. A. Smith (the manager) at one of the weekly meetings of the club, and the opportunity of viewing the actual operations in the foundry, machine department and bindery was greatly appreciated.

MILLINGTON AND SONS LTD., have issued a new price-list of stock goods, any line of which can be immediately supplied. Everything has been classified under brands, "Basildon" representing the highest quality productions, while "High Cross" and "Crown" indicate second and third-grade goods respectively. It is claimed that nothing comparable with this list has ever been issued by any purely manufacturing house in the trade. The arrangement, with the tab and thumb indexes directing to envelopes, books, flat paper, fancy stationery and stationers' sundries, and the adoption of the loose-leaf principle, is convenient.

Trade Notes

FIRE broke out on Monday in the stores department of the premises of George Philip and Son, Limited, geographical publishers and printers, Victoria Road, Acton. Prompt measures by the firm's fire staff and the Acton Fire Brigade saved valuable stock from destruction.

THE Victory-Kidder Printing Machine Co., Ltd., has removed from Blackfriars House, London, E.C.4, to larger offices in Queen's House, 28, Kingsway, W.C.2. The new telephone number is Holborn 8991.

As from Friday last, the address of Messrs. Whiteman and Bass, Ltd., lithographers, etc., lately of Clerkenwell Green, is 20, Farringdon Road, E.C.1. Telephone numbers are unchanged—Clerkenwell 1333-1334. We are informed that the change is due to continued increase in business, which will be further facilitated by more modern plant and factory.

MR. H. J. CHAMBERLAIN, process artist, late of 7, Chichester Rents, Chancery Lane, W.C.2, has found it necessary to occupy more commodious premises at 61-62, Chancery Lane, W.C.2. (telephone No. Holborn 7258).

THE General Billposting Co., Ltd., have acquired the entire holding in the Glasgow Advertising Co., Ltd.

THE death is announced, at the age of 74, of Mr. J. W. Scrafton, who for 16 years owned the *Tenbury Advertiser*, and printing business. The business will be continued by his son, Mr. Sidney Scrafton.

MR. F. J. GARDINER, of Wisbech, who died on Thursday at the age of 80, was editor and proprietor of the *Isle of Ely and Wisbech Advertiser* for 44 years, until 1927. A journalist for over 60 years, he was a Fellow of the Institute and a member of the Newspaper Society.

MR. ALBERT DAWSON, formerly editor and principal proprietor of the *Christian Commonwealth*, has died after a prolonged illness.

THE late Mr. J. W. Flanagan, of Chelsea, principal leader writer of *The Times*, left £33,078.

A CONFERENCE took place on Tuesday between the Binders' sub-Committee of the Federation of Master Printers and the National Union of Printing, Book-binding and Paper Workers, when the matters under discussion concerned rates for special machines, rates for assistants on machines equipped with automatic feeders, and rates for night and double day shifts.

A MEETING of the London Monotype Users Association has been arranged for February 14th. The annual meeting will be held on Monday, February 24th, preceded by a lunch.

GOOD FRIDAY HOLIDAY.—The Printing and Kindred Trades Federation recently received the following communication from the secretary of the Newspaper Proprietors' Association: "So far as present arrangements are concerned, it is unlikely that there will be any publication of London morning or evening newspapers on Good Friday."

MR. HENRY GREIG, business manager of the West Australian Newspaper, Perth, who has been making a combined business and pleasure trip to this country, was amongst the large number of guests present at the annual winter dinner of the Stationers' Social Society on Saturday. Mr. Greig sails for home on Tuesday next week.

Trade Union Matters

L.S.C. FUNERAL BENEFIT.—At the quarterly delegate meeting of the London Society of Compositors, held on Wednesday of last week, important financial questions came up for discussion. As the outcome of this meeting it is decided, provided that a ballot of the membership gives confirmation, to make substantial increases in funeral benefit payable to members dying before receiving superannuation benefit. It is proposed that, at the death of a non-superannuated member, there shall be paid to his nominee, or in default of nomination, to his widow, personal representative, or next-of-kin, a sum equivalent to £2 per year for each year of consecutive membership. Moreover, at the death of a superannuated member there shall be paid to his nominee, or in default of nomination, to his widow, personal representative, or next-of-kin, the sum of £4 for the first three years of membership, and for every additional year's consecutive membership a further sum of £1 shall be paid, until a maximum of £25 be reached. Discussion was given also to several proposals having in view the granting of increased superannuation benefits, but these proposals were all defeated.

L.S.C. ANNUAL REPORT.—The annual report of the London Society of Compositors for 1929—issued in preparation for the 82nd annual meeting of the Society to be held at the Memorial Hall on Wednesday, March 5th—shows the membership to be 14,730, as against 14,690 the previous year. During the year a sum of £146,679 was paid out in superannuation to 1,843 recipients, whilst unemployment allowances amounted to £21,398 plus State benefit, £9,965, both totals being much below those of the previous year, when the figures were £35,105 and £15,629 respectively. During the year a total of £210,106 was paid in subscriptions by the members, and an overtime tax amounting to £18,609.

MANNING THE "MOBILE" PRESS.—The question of the manning of the "Mobile" printing press, which is a contrivance installed in newspaper delivery vans by which late news can be printed in newspapers while they are being transported by the delivery vans, has been referred to the Trades Union Congress for arbitration. Three unions are concerned in the matter, and the Printing and Kindred Trades Federation has expressed its disagreement with the step taken for arbitration, on the ground that such questions can be determined within the industry itself without recourse to the Trades Union Congress, especially as the Federation has special machinery provided in its rules for such disputes.

COLCHESTER DINNER.—The annual dinner of the Colchester branch of the Typographical Association held at the Cups Hotel, Colchester, on Saturday, was attended by a large company, over which Mr. T. Willcox, president of the branch, presided. Those present included Mr. J. D. French (Manchester, president of the Typographical Association), Alderman W. G. Benham (Colchester), Mr. J. G. Beavan and Mr. K. J. Beavan (Anchor Press, Tiptree), Messrs. A. H. Cross (Cullingford and Co., Colchester), L. Jenkinson and C. Carter (Spottiswoode Ballantyne and Co., Ltd), C. A. Newman (Wiles and Son, Colchester), and S. A. Ford (secretary, T.A., Colchester branch). Mr. C. Carter gave the toast of the "Master Printers' Federation," and Mr. J. G. Beavan responded. Alderman Benham proposed "The Typographical Association," Mr. French responding. Mr. Jenkinson proposed "The Colchester branch" and Mr. Ford responded.

PRINTERS' SUPPLY HOUSES

A BUYERS' GUIDE TO EFFICIENT SERVICE

BRONZING MACHINES

LACO-MASCHINEN-FABRIK Paul Tschentscher, Leipzig, W 33 (Germany) supply Bronzing machines with sevenfold dusting

ENVELOPE MACHINES

CARLAW, DAVID, & SONS, LTD., 31, Finnieston Street, Glasgow. High Speed Adjustable Envelope making Machines for all sizes and shapes; Blank Cutting Machines; Cutters; Embossing Machines, etc.

FOLDING MACHINES

CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C. 4. (Phone Cent. 1165). The "Cleveland" and "Camco" series. A Folder for every need, from Eight Crown down to Demy Folio

OFFSET MACHINES

CRABTREE, R. W. & SONS, LTD., Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C. 1. Makers of Offset Machines, Single Colour—Demy Folio to Extra Eight Crown. Two-Colour and Perfecting Double Demy to Extra Eight Crown. Transfer Presses and Graining Machines.

PAPER FEEDERS

CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C. 4. (Phone Cent. 1165) (Spiers Patents) **AUTO-MATIC FEEDER.**

H.T.B. LTD., Blackhorse Lane, Walthamstow, E. 17. Sole Manufacturers and distributors of H.T.B. Full Automatic and Semi-Automatic FEEDERS. Telephone Number Walthamstow 0211.

CCROSS PATENT AUTOMATIC FEEDER. Manufacturers and Sellers: Cross Paper Feeder Co., Ltd., 92, Fleet Street, E.C. 4.

"ELESS" PILE **A**UTO-MATIC FEEDER. Sole selling Agents for Great Britain and Colonies, R. W. Crabtree & Sons, Ltd., Water Lane, Leeds.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfield, 25, Lime Street, E.C. 3. 'Phone: Monument 4002

PRESS BLANKETS

HOE & CO., LTD., R., 109, Borough Road, London, S.E. 1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. 'Phone: Central 3839. "LIGHT'S-EVERWEAR." Press Rubbers. Oil and Ink-Proof and Reversible.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C. 2. Printers in Russian, Polish, Czech-Slovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTG. METAL MANUFACTURERS

OIDAS METALS CO., LTD., 3, New London Street, E.C. 3. Telephone: Royal 7791. Specialists in the Manufacture of Lino, Mono, Stereo and all Type Metal. Specifications absolutely guaranteed. Reasonable Prices.

PRINTING PRESSES, ETC.

CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C. 4. (Phone Cent. 1165). The "Kelly" High Speed two rev. presses.

JOHAN & WM. BURT & SONS, LTD., 156, Caledonian Rd. London, N. 1 (Tel: North 3487/8) Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.

London Agents for Ratcliff's "Reliable" Direct Rotary, Rotary Offset and Tin Printing Presses.

ROLLER COVERINGS



MINTON, LOUIS, Trovelyan Buildings, Manchester. LITHO INKERS, DAMPERS, VARNISHING, LETTERPRESS, DIE-STAMPING, NEWSPAPER, ETC.

ROTARY WEB PRESSES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

ROTARY WEB PRESSES

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DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. 'Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting.

STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. ROTOPATE (Reg. TradeMark) and ROTOSHAFER Casting and Finishing Machines.

LIGHT & Co., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. Sole Agents for the "WINKLER" Automatic Moulding Press, Automatic Plate Casting Machine, etc.

TINPLATE DECORATG. MACHINES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C. 1. Makers of "Rapid" Tinplate Decorating Machines with Semi-Automatic Pile Feeder, Tin Varnishing, Coating and Lacquering Machines.

Commercial Review

Current Share Prices

Allied Newspapers ord. 24s. 4½d., 23s. 7½d., 8 p.c. cum. pref. 21s. 4½d., 21s. 7½d.; Allied Northern Newspapers 6½ p.c. deb. 90½, 96; Amalgamated Press ord. (10s.) 22s. 9d., 23s. 0d., 7 p.c. cum. pref. 19s. 4½d., 19s. 5½ p.c. deb. 92½; Associated Newspapers 23s. 4½d., def. (5s.) 30s. 7½d., 5 p.c. cum. pref. 17s. 6d.; Daily Mirror Newspaper (5s.) 23s. 6d., 23s. 10½d., 8 p.c. pref. 25s. 9d.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 103½; Thomas De La Rue 10s. 3d.; John Dickinson 43s.; Eyre and Spottiswoode deb. 6½ p.c. 82, 84; Financial Newspaper Proprietors 16s. 6d.; Financial Times 7 p.c. cum. pref. 20s. 4½d., 20s.; Ilford 55s.; Illustrated Newspapers 11s. 6d., 7 p.c. cum. pref. 15s.; International Linotype 79½; Lamson Paragon 19s. 5½ p.c. cum. pref. 16s. 9d., 10 p.c. cum. pref. 24s. 6d.; Launston Monotype Corporation 36s. 9d.; Linotype B deb. 69; Mansell, Hunt, Catty and Co. 8 p.c. pref. 18s. 9d.; George Newnes (10s.) 22s. 6d.; Northcliffe Newspapers 5½ p.c. deb. 95½; Odhams Press (4s.) 6s. 11½d., 6 p.c. pref. 14s. 3d., 14s. 6d., 7½ p.c. A pref. 19s., 6½ p.c. deb. 100; Sunday Pictorial Newspapers 65s., 64s. 4½d., 8 p.c. cum. pref. 23s. 9d., 24s.; Raphael Tuck 21s. 6d., 5½ p.c. cum. pref. (£5), 82s. 3d., 83s. 9d.; United Newspapers 7½ p.c. cum. pref. 12s. 6d.; Waterlow and Sons defd 38s., prefd. 22s. 4 p.c. pref. (cum) 14s. 6d., 14s. 1½d.; Weldon's prefd. ord. (10 p.c. cum.) 14s. 3d., 6 p.c. cum. pref. 11s.; Wyman and Sons 52s. 6d., 6 p.c. cum. pref. 19s.

Dividends and Reports

DAILY MIRROR NEWSPAPERS.—Interim dividend of 7½ per cent., less tax, on ordinary for quarter (same), payable March 6th.

SUNDAY PICTORIAL NEWSPAPERS (1920).—Interim dividend of 1s. 3d. per share, less tax, on ordinary (same), payable March 6th.

FIELD, SONS AND CO., printers, publishers, etc., report profit of £19,249 for 1929. Income-tax reserve receives £2,000, part cost of issue of notes written off £3,500, transfer to Southgate building depreciation fund £1,000, preference dividend absorbs £214, dividend on 10 per cent. preferred £355, dividend on ordinary at 7½ per cent., £5,810, forward £6,369.

New Companies

W. S. EVANS AND CO., LTD. — Capital £1,000, in £1 shares (500 preference and 500 ordinary); objects: To enter into an agreement with the executors of the late S. Tappenden for the acquisition of the business formerly carried on by him as "W. S. Evans and Co.," commercial and manufacturing printers, merchants and retailers in printed and decorated articles ordinarily produced by or for printers, fancy dealers and stationers, etc. Private company. Directors: Edith Tappenden, E. Tappenden and H. G. Jarrom. Registered office: 59, Commerce road, Wood Green, N.22.

NORTHERN NEWS SERVICES, LTD.—Capital £500, in 2s. shares; proprietors, publishers and printers of newspapers, journals, etc. Private company. Subscribers: E. W. Richardson and A. B. Geddes. Registered office: 50, Wellington-street, Glasgow.

CLEMONS AND CO., LTD.—Capital £500, in £1 shares; manufacturers of and dealers in paper, card and straw board, papier maché, tracing paper and cloth, water-proof, waxed and other papers, paper bags, decoration goods, shavings, reels, rolls and tubes, twines, etc. Private

company. Directors: H. A. Fletcher, Ellen A. Fletcher and Hilda M. Clemson. The two first-named are directors of Fletcher Arthur and Co., Ltd.

TIMBER NEWS, LTD.—Capital £100 in 1s. shares; to acquire the business of publishers of *Timber News*, *Master Builder* and *Machine Woodworker*, etc. Private company. Directors: H. Tate, C. Lomax and Capt. R. B. Crewdson. Registered office: 67 8, Chandos street, W.C.

BRITISH RUSSIAN GAZETTE AND TRADE OUTLOOK, LTD.—Capital £500 in £1 shares; to carry on the business of newspaper proprietors and publishers formerly carried on by S. C. Talbot and Lillian I. Parker at Walter House, Bedford street, Strand, W.C., and that of the *British Russian Gazette* and *Trade Outlook*. Private company. Directors: S. C. Talbot and Miss L. I. Parker. Registered office: Walter House, Bedford-street, Strand, W.C.2.

Mortgages and Charges.

PROVINCIAL NEWSPAPERS, LTD.—Bond of cash credit and disposition in security, charged on properties, etc., in Edinburgh, dated January 14th, 1930, to secure all moneys due or to become due from the company to Lloyd's Bank, Ltd., not exceeding £250,000 and interest thereon not exceeding £37,000.

BURROWS PRESS, LTD.—Mortgage dated December 31st, 1904, and further charge dated July 1st, 1905, on Royal House and Looker On Printing Works, Montpellier street, Cheltenham (property acquired November 20th, 1919), on which £1,000 and £250 respectively was owing on November 1st, 1929. (Now registered pursuant to Section 91 of the Companies Act, 1929) Holders: Mrs. E. M. Parker, Oakley Lodge, Oakley-road, Cheltenham, and others.

GORDON AND GOTCH, LTD. (newspaper proprietors, etc.).—Land registration charge on 27, Stonecutter street, E.C., dated January 3rd, 1930, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd., not exceeding £4,500.

WILLIAM POLLARD AND CO., LTD. (printers, manufacturing stationers, etc., Exeter).—Debenture dated January 7th, 1930, to secure £500, charged on the company's undertaking and property, present and future, including uncalled capital (subject to prior charges). Holder: C. R. Pinder, Warborough House, Kenton, Devon.

SAMUEL TEMPLE AND CO., LTD. (printers, etc., Battersea, S.W.).—Satisfaction in full on January 31st, 1930, of debentures authorised December 29th, 1924, and registered January 6th, 1925, securing £2,000.

COMPETITORS' GUARDIAN, LTD. (Kilburn).—Debenture dated January 10th, 1930, secure £2,000, charged on the company's undertaking and property, present and future, including uncalled capital. Holder: E. Musgrove, 396, Edgware-road, W.

SIMPKIN MARSHALL, LTD.—Satisfaction (1) to the extent of £27,200 on December 31st, 1929, of first series of debentures authorised November 8th, 1899, and registered July 23rd, 1908, securing £69,900 (2) to the extent of £4,700 on same date of second series debentures authorised December 5th, 1889, and registered July 23rd, 1908, securing £9,900 and (3) to the extent of £2,000 on same date of third series of debentures authorised June 18th, and registered August 5th, 1925, securing £12,000.

Receivers Appointed or Released

COVENTRY ADVERTISING SERVICE, LTD. (formerly Billie Bristow, Ltd.), office, London.—A. E. Kent, of 1, Queen Victoria-street, E.C., was appointed receiver and manager

on January 29th, 1930, under powers contained in debenture dated May 9th, 1928.

Company Liquidation

Re QUEENSLAND PRINTING WORKS CO., LTD., 8, High-street and Exmoor-road, Southampton. The statutory first meeting of creditors in this compulsory liquidation was held on Monday at the Board of Trade Offices, Carey-street, W.C. Mr. E. T. A. Phillips, official receiver, reported that a statement of affairs had been submitted showing unsecured debts £1,918; a fully secured debt £2,000 (security valued at £3,000); preferential claims, £216; and loans on debenture bonds and interest, £6,018, making a total indebtedness of £10,152. The assets were valued at £4,149; the deficiency in assets to meet liabilities was estimated at £4,005; and the total deficiency with regard to contributories was returned at £9,750, the issued capital being 5,745 ordinary shares of £1 each. The winding up order was made on January 13th, upon the petition of Charles Morgan and Co., Ltd., High Holborn, creditors for £106. The company was formed as a private company in September, 1919, to acquire for £4,000 in shares the business of printers, machine rulers, book-binders, etc., formerly carried on by Edward G. Lawrence at Exmoor-road, Southampton. It was carried on as Richardson and Co by Lawrence and F. R. Richardson in partnership between 1906 and 1916, when Richardson retired and Lawrence continued it under the style of the Queensland Printing Works Co. In 1919, the business being in need of working capital, it was arranged to transfer it to a company. Small profits were made between 1920 and 1926 (inclusive), and dividends ranging from 3 to 6 per cent. were declared in 1920, 24, 25 and 1926. The failure was attributed to insufficient working capital, loss of remunerative contracts as the result of competition, and to the depletion of the company's cash resources in relation to the issue of debentures. The official receiver added that it was extremely doubtful whether the validity of the debentures could be upheld, and if they were set aside the unsecured debts would be increased to nearly £8,000, against the assets of about £4,000. A resolution was passed for Mr. A. Granville White, C.A., 14, Old Jewry Chambers, E.C., to act as liquidator, with a committee of inspection.

Re FOWLER WRIGHT, LTD., printers and publishers, 241, High Holborn, W.C. The statutory first meetings of the creditors and shareholders of this company (in liquidation) were held on February 6th, at the Board of Trade Offices, Carey-street, W.C. The winding up order was made on December 9th, 1929, upon the petition of Messrs. Purnell and Sons, printers. Mr. G. D. Pepys, senior official receiver, reported that the only director and officer of the company was Mr. Sydney Fowler Wright, who went to America just before the winding-up order was made, and had not yet returned, although he had cabled to the effect that he would do so shortly. The company was promoted by Mr. Fowler Wright and was registered on May 3rd, 1927, with a nominal capital of £1,000 to carry on the business of printers and publishers and incidentally to

acquire the assets of the Merton Press, Ltd., which concern was then in liquidation. The issued capital was £851, in shares allotted for cash, and Mr. Fowler Wright was the holder of £381 of the number. It appeared that numerous novels and books of poetry were accepted by the company for publication, and in many instances the authors had paid such sums as £25 towards the cost of publication, and were to receive royalties on the sales. Some of the books were written by Mr. Fowler Wright himself. The chairman added that as liquidator of Merton Press, Ltd., he sold the stock of that company to Mr. Fowler Wright for £50, who thereupon formed the present company with the intention of realising the said stock and applying the proceeds (in excess of the said sum of £50 and costs of sale), to the benefit of the creditors of the Merton Press, Ltd. The liquidator to be appointed would have to deal with questions as to the real ownership of the 28,300 volumes in the possession of the company. They had been stored in safe custody and upon their ultimate realisation depended the prospects of a dividend for the creditors. No accounts had yet been lodged, but fifty creditors had notified claims aggregating £800, and doubtless other claims would be received in respect of unpaid royalties and for damages for breach of contract to publish books. A lady had notified that she had a claim for £1,000 against the company for damages to her reputation as an authoress, her novel having been, as she asserted, wrongly abridged. A resolution was passed for Mr. A. Granville White, C.A., Old Jury Chambers, E.C., to act as liquidator with a committee of inspection consisting of representatives of Garden City Press, Ltd., Lepard and Smith, Ltd., and Messrs. Purnell and Son.

LOOSE LEAF METALS

FOR STATIONERY AND BOOKBINDING TRADES

We manufacture Loose Leaf Metals of every description. Send us your specification or - sample—We will quote. -

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USE INKS THAT PRINT WELL

These are manufactured by—

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8, HYTHE ROAD, LONDON, N.W.10

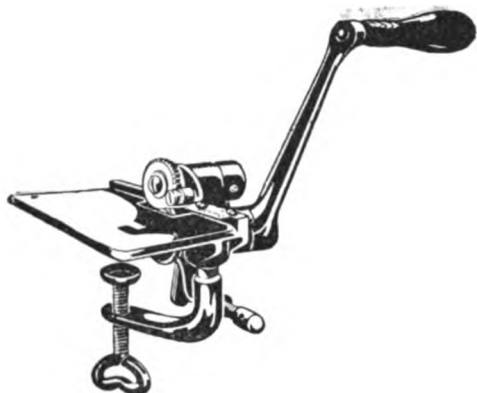
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MAY WE SEND YOU A TRIAL TIN and also our Specimen Book?

Manufacturers also of Varnishes and Colours of Proved Dependability

Paper-Fastening Machine

An interesting and convenient machine is being placed on the market for fastening together papers and cards. The Demountable "Clusor" joining apparatus not only replaces pins and clips, but binds sheets cleanly and effectually. All that is seen is a neat line of indentations. The machine will deal with any number of sheets of paper up to at least ten of average thick-



ness. It is particularly useful for fastening paper samples, which are readily detachable for testing purposes. Index, ledger, and other cards can be treated in a similar way. In case of necessity, it will also make an envelope of a particular size or a letter card. The machine is simple in construction, and can be readily fixed to table or bench. Inquiries may be placed with Stonhill and Gillis, Ltd., 58, Shoe Lane, London, E.C.4.

A SERIES of meetings of Associations in the North-Western Master Printers' Alliance was held during the past week. At the meeting of the Penrith Association, Mr. G. W. McKane (Keswick) was elected chairman, and Mr. J. E. Whitehead (Appleby) was re-elected hon. secretary and treasurer. A meeting of the Kendal Association also took place. Mr. L. W. Hewitson was elected chairman in place of the late Mr. Edward Wilson, and Mr. C. J. B. Pollitt was re-elected hon. treasurer and secretary. Meetings of the Carlisle and Whitehaven Associations also took place. All meetings were attended and addressed by Mr. L. J. Cumner, assistant secretary of the Federation of Master Printers.

THE Young Master Printers of the Yorkshire Alliance are paying a return visit to those of the Lancashire and Cheshire Alliance to-day (Thursday), to take part in a debate. The Yorkshire representatives—Messrs. A. Wild, A. Beaumont and E. Wood—are proposing: "That the adoption of the Costing System will solve the problem of the acute competition in the trade by preventing an excess of plant." The proposal is being opposed by the Lancashire and Cheshire members, led by Mr. Naysmith. The meeting, held in the offices of the Lancashire and Cheshire Alliance, Manchester, is preceded by the annual meeting of the Young Master Printers of the Lancashire and Cheshire Alliance.

THE Express Letter Service, facsimile letter specialists, London, send a neat monthly tear-off hanging calendar.

PREPAID ADVERTISEMENTS

The Minimum Charges for Three Lines, with an average of eight words to the line, for Advertisements under the headings given below are as follows (extra lines at proportionate rates):—

	Three Lines	
	s.	d.
Agencies	3	0
Situations Wanted	1	6
Situations Vacant	3	0
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Businesses for Sale and Wanted ...	3	0
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The following are the rates for Advertisements classified as under:—

	Per Line	
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Tenders	2	0
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Replies may be addressed to Box Numbers, Offices of this journal for which a fee of 6d. is charged to cover postage of replies.

Annual Subscription (post free) 17s. 6d.

Cheques and Post Office Orders to be crossed and made payable to STONHILL & GILLIS, Ltd., 58, Shoe Lane, London, E.C.4

Telegrams: STONHILL, LUD, LONDON Telephone: 2439 HOLBORN

SITUATIONS VACANT

COMPOSING.—DEPUTY FOREMAN wanted for first-class office in the Midlands, able to organise the work of Compositors and Monotype; thorough knowledge of good Display Work essential.—Apply, giving details of experience, references and wages, to Thos. Forman and Sons, Ltd., Nottingham. 15427

TENDERS

H.M. STATIONERY OFFICE

TENDERS to be delivered before noon on Friday, 28th February, 1930, are invited for printing Volumes I to IV of the Annual Statement of the Trade of the United Kingdom—Group 329.

For particulars apply to the Controller, H.M. Stationery Office, Westminster, S.W.1.

MACHINERY FOR SALE

QUAD ROYAL MENTGES NEWS FOLDING MACHINE, by Mentges Folder Co., No. 3/968, fitted power. Two pasters, straightener, trimmer wheels. Delivers at second, third or fourth fold. Two feeder boards and gauges. Will fold 4, 8, 12 or 16 pages, demy or royal; excellent condition; bargain.—"News" Office, Chard, Somerset. 15428

MISCELLANEOUS

NUMBERING MACHINES An opportunity, new machines. Type High Forme Machines, 27s. 6d. each list 60s. HAND MACHINES, 5 Action, latest improvements, 25s. Roberts 49a, in good order, 12s. 6d. each. All these machines are 6-wheel and worth twice the price.—MARSTON, 69, Wightman ROAD, LONDON, N.4. Mountview 4583. 15421

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1/6

Retail Price

Please switch off lights when not in use

NOTICE TABLETS

WITH WORDINGS FOR EVERY PURPOSE

SIZE 10" x 4" To hang WASHABLE PERMANENT.

Ideal for Hotels, Hairdressers, Cinemas, Offices, etc.

Trade Terms on Application.

LANGLEY & SONS, LTD. 4, 6 & 8, Euston Buildings, N.W.1

EDWIN W. EVANS*Auctioneer and Valuer*TO THE PRINTING AND
ALLIED TRADES**"Chronicle" House, 72-78, Fleet St.
London, E.C.4**

Telephone: Central 6678.

Telegrams: "Printaut, Fleet, London"

Fire Loss Assessor—Newspaper Valuer—Rating Surveyor

BENEFITS

A trade organisation is judged by the generosity of the benefits it provides for its members.

THE PRINTERS' PROVIDENT ASSOCIATION provides Unemployment, Superannuation and Funeral Benefits upon terms which are lower than those of any other trade organisation.

The Society is the pioneer in the printing trade of the movement for joint associations of employers and employed.

It is the originator of the scheme for contributory insurance whereby employers assist in providing benefits of a reasonable nature for workers engaged in the craft.

Forms of application for membership and further information with pleasure from the Secretary:—

STANLEY G. C. JACOBS,

21, Charterhouse Street, Holborn Circus, E.C.1.

Telephone: Holborn 0327.

THE BRISTOL PHOTO-ENGRAVING Co. Ltd.
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Process Blocks of Every Description

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Phone Central 1086

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ESTABLISHED 1874
Every Die Sinker in our employ served his apprenticeship with the firm

G. H. MADDIN & CO. Ltd.
Engravers & Die Sinker
Camco Tracing Dies & Embossing Blocks
of every description for 10th class & Distinctive Work
ORIGINAL DESIGNS & SKETCHES

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COMMERCIAL ARTISTS

AND

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SUPPLIEDon any subject at
the lowest possible
terms

All orders executed by a thorough practical Staff.
Editors are specially invited to give this Agency a trial.
Terms on application.

AUG. BREHMER'S (British) Successor LIMITED

- " Wire Stitchers—Folders
- " Thread Book Sewing Machines
- " Thread Stitchers, Etc., Etc.

12, CITY ROAD, LONDON, E.C.1

Phone: Reliance 2922
Telegrams: "Vindico, Claproad, London."**FIBRETTE** is theBEST QUALITY
LEATHER PAPERWrite for a Sample
Book to the ManufacturersAlso
Cloth Imitation
and**GARWOOD & MUDDIMAN, LTD.****"CLOTHETTE"**40, SOUTH LAMBETH ROAD,
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Tel. Holborn 2253 E.C.1

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for **TRADE LINO**

Contractors for the past Sixty years to H.M. Printing Offices,
Hon. Board of Inland Revenue and the Printing Trade generally



Registered Trade Mark

Established 1868

**KNOWN THROUGHOUT THE WORLD FOR
THE PAST SIXTY YEARS FOR QUALITY**

Rollers

for every class of Letterpress Printing on every
description of Machine. - *Price List on request.*
We have the largest and most up-to-date Roller
Casting Plant in the Kingdom.

Compositions

for Home & Export, to suit all climates and conditions.
Remeltable many times. - - - Easy casting.
None but the finest and most suitable materials used.
Look for the Trade Mark, as above, on every slab.
Obtainable from all Importing Houses.

"The Durable" Printers' Roller Co. Ltd

14 CHARLES ST., HATTON GARDEN, LONDON, E.C.1

Lt.-Col. E. L. MARLER

Managing Director

MAR 7 1930

“MONOTYPE” STANDS UP TO STEREO!

Stationery
for Quality
Millingtons
BASILDON WORKS,
TOTTENHAM,
LONDON, N.16

PERIODICAL ROOM
GENERAL LIBRARY
UNIV. OF MICH.

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 69

LONDON: FEBRUARY 20, 1930

EVERY THURSDAY
PRICE THREEPENCE

“Monotype” means Versatility

There will be special Demonstrations on “getting the most out of your ‘Monotype’” at the British Industries Fair, Olympia, February 17th to 28th; and the Super Caster will be celebrating its first birthday after a year of great triumphant success. Nobody has ever exhausted all the possibilities of

“Monotype” Versatility: come and see the latest ideas for *Super* productivity!

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“Fryotype” Printing Metals

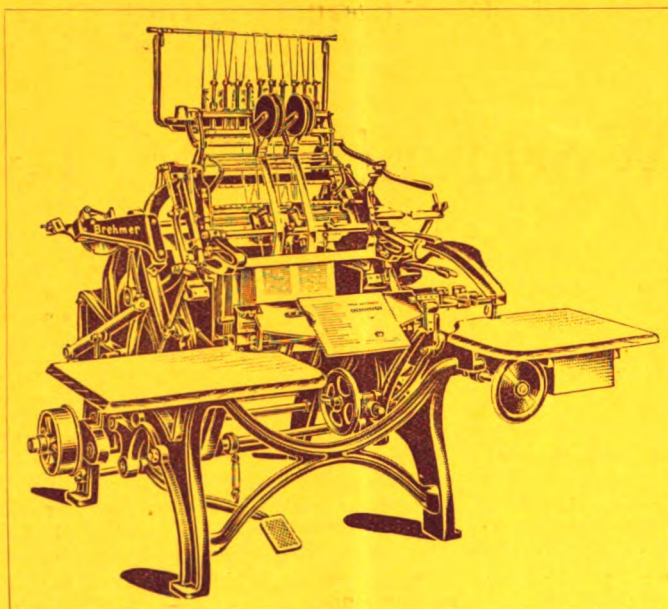
WHEN STOCKS ARE LOW—Hop 4720

FACTORIES WILL PAY

*By installing the No. 33½ "Brehmer" Universal Thread
Book Sewing Machine*

The finest all-round Book Sewing Machine on the Market

STUDY THE POINTS BELOW



This model is built in four sizes, each sewing respectively a largest book of 18", 20", 23½" and 25" in height. Our No. 33½ sews with either Linen Thread or Cotton, through or over Tapes or Webbing, through Mull or without any backing material. It sews equally well, Letterpress, Stationery or Heavy Ledgers and Linen faced Sections can be sewn with greatest efficiency. The stitch sizes can be varied extensively and the 20" model gives a range of 1 Tape in a book 2½" up to 6 Tapes in 14", or up to 20" maximum. It will sew over Tapes or Webbing 7/16ths wide, through or over Tapes or Webbing ⅝ths or 1" wide and for very heavy Ledgers, through Webbing 1½" wide. An attachment for sewing Guard Books is usually supplied but can be omitted if desired. Straight Needles are used throughout and an attachment for forming loops of Tape between each sewn book avoids the use of wooden spacer blocks. Our No. 33½ does not use a separate Braiding Thread for securing the Tapes, these are secured by the stitches themselves. Output is according to the size of the section and can be up to 60 sections per minute. The machine is quite silent in operation.

We are willing to install this machine on open trial basis and payments can be made by arrangement, if desired.

AUG. BREHMER'S (British) SUCCESSOR, LTD.
12, CITY ROAD, LONDON, E.C.1

Telephone : CLERKENWELL 0781-2

Telegrams : PAPYRUS FINSQUARE LONDON

Folding Machines, Wire Stitching Machines, Thread Stitching Machines, etc., etc.

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 69

LONDON : FEBRUARY 20, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THE ordinary printer might well be forgiven if he finds himself unable either to understand or appreciate what we may term the vogue in type-faces. In the current issue of *Printed Salesmanship*, an American printing journal much looked forward to now by printer students of selling methods, and in earlier days, under the title of the *Printing Art*, beloved by typographic enthusiasts—in this journal an American typefounder sets out with some pains to maintain that present-day type-faces are not a fad. The dissertation is in the nature of a reply to Mr. F. W. Goudy's attack on modern types. But a short time ago, a well-known writer argued in *The British and Colonial Printer* that legibility should be the first and last essential in body types, while in the case of display types distinction should go hand in hand with legibility. The question here is, what comprises distinction? and as the self-same writer in other directions finds no difficulty in extolling the merits of what we would unhesitatingly describe as utterly eccentric faces, the issue becomes fogged once more. Mr. McMurtrie, an authority on types and typographic fashion, declares that the only function of type is to be read; that the use of types is to convey thoughts; that the essential element of the new typography is clarity.

It is most practical for us to see the situation as it is, and not to take too much for granted what experts say. When we get down to things, we see that this writer is a body-type designer, that one

a typefoundry superintendent, and the other makes his living by selling types to meet modern demands, and so forth. If each viewpoint is not coloured from its source, then we are wrong in our experience of human nature.

* * *

OUR own view of the situation is this: that mechanical typesetting has dealt foundry body types a severe blow. The Ludlow has registered a hit in the region of display faces. Advertising and publicity have developed to present the typefounders with an opportunity to make good on the modern display-face side what has been lost elsewhere. The publicity man and the advertising agent is battling all the time to make his adverts. and his printed matter different and distinctive from the mass.

First, he exhausts ideas in arrangement, in size, in space, in colour, in process and in technique, and as fast as something outstanding is achieved, it is copied and brought to the commonplace level. Constant variation in type-faces is one of the factors to which resort can be made, and it is the mentality of the advertising fraternity to worship newness. Typefounders sensed the position of things five or six years ago, and set to work almost feverishly, producing new faces. But if we search into the origins of the fashion faces that have become popular, we find most of them to be German, some American, a few French and Dutch, and not very many British. We find British typefounders selling imported type; and if

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we look for reasons, it will probably be found that there is not sufficient stability in the proposition for British typefounders to incur all the preliminary and accompanying expense of preparing and marketing type-faces which have no assurance of continued demand. In short, there are typefounders' representatives who do not hesitate to describe a lot of what they offer as freak fashion.

* * *

BUT, in practice, the advertiser demands modern types, the foundries supply or agent them, and the printer who stocks them is accounted modern and progressive in the eyes of the publicity user. He gets the business, and takes the risk of expensive investment in type becoming a set factor in his costs. He takes the risk of each new face speedily losing favour and remaining dust-ridden in the cases or being consigned to the junk store. If, as is almost always the case, he has to send many of his formes to be stereotyped, he must be prepared for continuous ruination and replacement of his types. Academic discussions on the ethics of good typography, the deplorable trend in type-face and fashion, the attitude of the printer and the advertiser, etc., do not alter the hard facts of type and practice. There is no advice we can give to any printer, except to judge for himself, according to his circumstances, his policy and his purse, whether investment in fashion types is likely to increase his turnover and profit ratio at the end of the year.

* * *

PERHAPS we could split the printing industry into three main divisions, and say that the printer of general selling and advertising matter follows the lead definitely set by the advertising profession; the printer of business and commercial matter repeats long extant formula; whilst the book printer pursues traditional ideals and incorporates what he conceives to be advantageous of modern tendency.

Charity Sports Association

The Charity Sports Association held a committee dinner at the First Avenue Hotel last Saturday evening, when the chairman was Lieut.-Col. Roy F. Truscott, who was supported by Miss G. V. Woodman. There was a very large company, and a most enjoyable evening was spent.

In the course of the proceedings, the chairman introduced Miss Woodman to the company, and suggested that possibly she might be induced to become the president of the Charity Sports Association for this year.

The secretary, Mr. H. F. Parker rose to the occasion and accepted the offer, saying that it would be a welcome innovation to have a lady as president of an athletic meeting. He added that as Miss Woodman was to be a steward of the next Printers' Pensions Festival, he would have very great pleasure in promising £100 towards her list on that occasion.

Col. Truscott remarked that as he had brought along Miss Woodman to support him in presiding over the present dinner, he trusted that she would invite him to support her when she presided over a similar function next year.

On behalf of the Charity Sports Committee, Col. Truscott handed the sum of 50 guineas to Mr. George W. Knight in aid of the Centenary Fund of the Bookbinders' Cottage Homes and Pension Society.

Personalia

MR. F. O. ROBERTS, M.P., Minister of Pensions, who has been confined to bed with a slight chill, is, we understand, making a satisfactory recovery.

MR. W. H. SESSIONS, as president of the Yorkshire Alliance of Master Printers, visited Mexborough last week, and spoke on "Advertising a Town" at a joint luncheon of the Mexborough Master Printers' Association and the Rotary Club, members of the Urban Council and the local Chamber of Trade being also invited.

MR. ROBERT J. WEBBER, joint managing director of the *Western Mail*, Cardiff, has been elected captain of the Royal Porthcawl Golf Club, South Wales, for the ensuing year.

MR. C. A. SHARMAN, son of Mr. A. Sharman (head of the firm) has been appointed a director of Sharman and Co., Ltd., proprietors of the *Cambridge Times*.

MR. J. J. BRAILEY, who for many years has been a prominent official of the Leeds branch of the Printing and Kindred Trades Federation, has been elected president of the Yorkshire Federation of Trades Councils.

MR. JOHN O'NEILL, after working for over 58 years in the composing department of Messrs. Browne and Nolan, of Dublin, has retired. To mark the event, the companionship made him a presentation at a concert in his honour.

MR. F. J. WOODBRIDGE, a member of the composing-room staff of the *Yorkshire Evening Post* for the past 32 years, has retired on pension granted by the proprietors. He is a brother of the late Mr. A. W. Woodbridge, London editor of the *Yorkshire Post*.

MR. ARTHUR H. MUIR, F.C.A., addressed the Belfast Rotary Club, under the auspices of their Vocational Service Committee, at last week's weekly luncheon meeting, taking as his subject "Industrial Relations in the Printing Industry." Sir Robert Baird and other well-known printers were guests.

MR. H. T. WHITLEY (secretary of the local Typographical Association) corroborated what Mr. Muir had said regarding the good relationships between employers and trade unions aided by the efforts of the Joint Industrial Council in the printing and allied trades.

PROFESSOR HAROLD J. LASKI, Professor of Political Science in the University of London, has been elected president of the Rationalist Press Association in succession to Professor Graham Wallas.

MR. F. A. CARSON (Richard Herring and Co.) has been re-elected chairman of the Paper Trade Section of the London Chamber of Commerce; and Mr. C. R. Gill (John Dickinson and Co.), who is chairman of the Paper Exporters' Freight Committee, has been appointed deputy chairman.

MR. W. B. MAIR (Riverside Paper Co.) is going as a steward to the 55th annual festival dinner of the Albert and Victoria Hospitals Aid Society for the paper and printing trades, and he hopes to be well supported in that connection. The Society, of course, is a very deserving one. Out of its funds it has given £50,000 to various hospitals and has distributed 160,000 letters to the sick and poor.

SUBSCRIPTIONS through Mr. Mair would render the services of the Society available to members of the donors' staffs who might require surgical appliances or treatment in a hospital.

THE **LM** TWO-COLOUR LETTERPRESS MACHINE

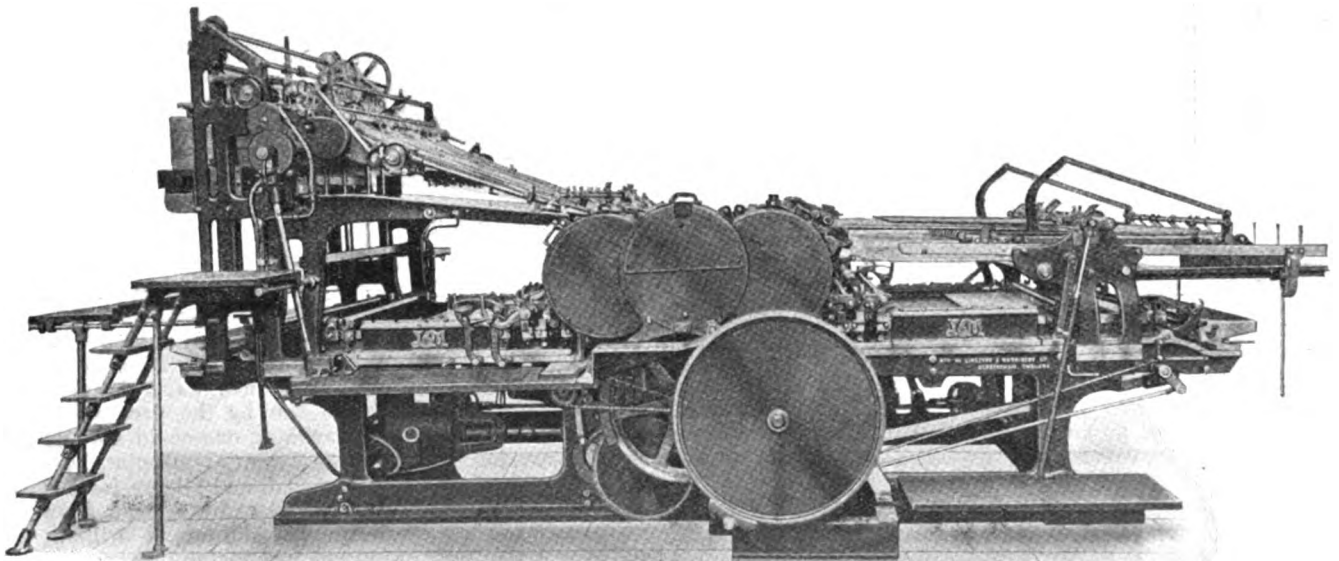
THIS complete printing unit is helping an ever-increasing band of progressive letterpress houses to extend the capacity of their press rooms and at the same time to produce finer printing at lower cost

FOLDER No. 1080 TELLS YOU ABOUT IT

Linotype & Machinery Limited

Head Office : 9 Kingsway, London, W.C.2

Works : Altrincham, Cheshire



British Industries Fair

Already a Spectacular Success—Printing and Stationery Attractions

The British Industries Fair which opened at Olympia on Monday proves conclusively that Great Britain is still to the forefront of the industrial and manufacturing countries. Staged in the extended Olympia, the Fair is brighter in every way than it has been before, and there is an atmosphere of commercial enterprise that augurs well for the future of British trade.

Looking round at the attractive displays in "Britain's Shop-Window," one felt that the exhibitors

many cases, to place orders for what was a most imposing array of type setting and casting machinery—for newspaper production, for the jobbing printer and the book printer. Naturally, the already famous Monotype "Super Caster" was the centre of admiration, and the Fair had hardly opened before the two Super Casters on view had been sold. Inquiries and orders for the other machines were numerous, and the large staff of representatives of the Corporation were kept busy answering questions and giving demonstrations



THE PRINTERS' COLLECTIVE EXHIBIT

recognise that competitors throughout the world have made much progress, and that this opportunity of bringing British production effectively to the notice of buyers was one which they must utilise to the full. And it seemed that the four thousand buyers from twenty-five different countries who attended the Fair on the day of its auspicious opening realised the effort that had been made, and appreciated the work of all responsible.

Nowhere did the air of brightness and efficiency prevail more than in the printing, paper and allied trades sections of the Fair.

LANSTON MONOTYPE CORPORATION

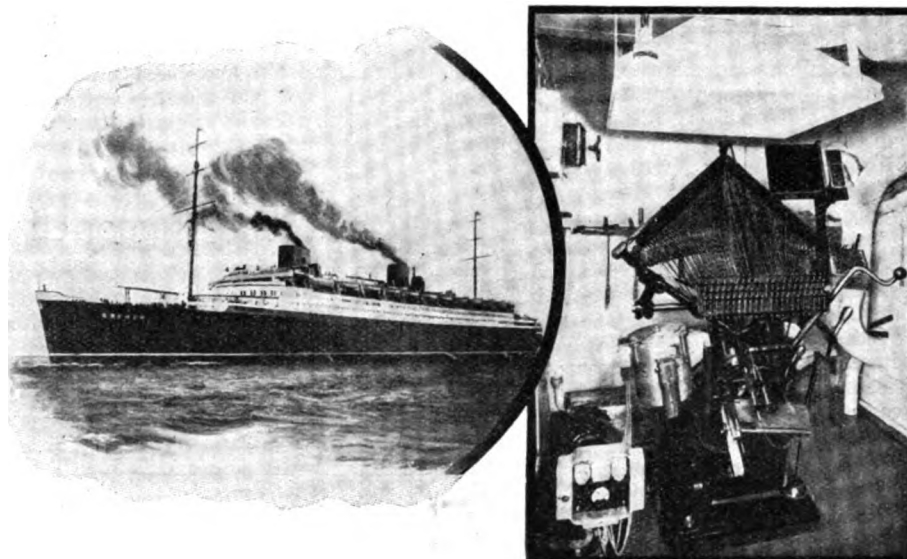
Mounting the stairs to these sections, one found a centre of attraction in the well-appointed and tastefully-decorated stand of the Lanston Monotype Corporation. Here, a continuous stream of buyers came first to admire, secondly to inquire, and lastly, in

all day long. Besides the Super Casters, there were the well-known "D D" and "D" Monotype keyboards, the Monotype composition caster, and the Monotype type and rule caster. All the machines were being actually operated, and their products were there to be handled and subjected to test by the prospective buyer. In addition to the machines, one could see and handle type from six point to seventy-two point, borders, rules, leads, spacing material, and all the famous type faces from Gill Sans to Broadway, and from Imprint to Goudy Modern. In addition, a brilliant publicity staff had produced wonderfully attractive folders, booklets and catalogues, for the use of the customer.

"CAMCO"

Just across the gangway was the stand of Camco (Machinery) Ltd., where the well-known "Camco" products were meeting with brisk inquiry and purchase. The great feature of the stand was the "Camco"

THE SPEED RECORD



is held by the S.S. "Bremen" for the Atlantic trip and it is no mere coincidence that this liner is equipped with a

TYPOGRAPH COMPOSING & LINE CASTING MACHINE

In the confined space on shipboard and the necessity that there exists for getting good, clean work in a convenient form out to time, the superintendent, whose duty it is to choose equipment, has decided that the TYPOGRAPH is the machine best suited to requirements. There can be no severer test than that of a machine required to produce slugs for a daily newspaper or all or any of the multifarious pieces of printing which are necessary at sea. From this test the

TYPOGRAPH "UNIVERSAL"

emerges triumphantly and it is no wonder that up and down the country more and more printers—large and small—have made up their minds to

INSTALL A TYPOGRAPH

The outstanding features of the machine are its simplicity, reliability and economy. In speed it is equal to any other Composing Machine: in flexibility and in quick change of matrices and mould it outdistances all others; only one magazine is necessary for any number of body sizes or faces of type and it casts a perfect slug. All this at a price which is slightly more than half that of its nearest competitor. Demonstrations are given daily at

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NORFOLK HOUSE, NORFOLK STREET, STRAND, W.C.2
AND AT MANCHESTER, BIRMINGHAM AND DUBLIN
Works: BALHAM, S.W.17

Telephone: TEMPLE BAR 8613

"The Typograph casts the best slug in the shortest time by the simplest method."

three-parallel double demy folding machine, which although a comparatively new production has already met with great success by reason of its sturdy construction and speed of operation. Its exclusive features are that it handles a greater and more useful range of folds than any other double demy folder; (b) also that it has three parallel folds at the first folding section, right-hand or left-hand feed at will and a roller feed table (no tapes) which guarantees absolutely accurate feeding. In addition, perforating, scoring and slitting can be done after the first, second, third, fourth and fifth folds; 8-pp., 12-pp., 16-pp. signatures, etc., can be folded two-up and slit on the machine; company prospectuses (with endorsement outside) can be folded in one operation. We understand that many orders have already been placed for this machine.

FEDERATION OF MASTER PRINTERS

Readers will see from the accompanying illustration of the exhibit of the Federation of Master Printers, that much skill, ingenuity and taste have been employed in its composition. The exhibit occupies a large amount of space, and is divided into bays for the various exhibitors. Some firms have also made good use of show cases. An attractive exhibit is that of Langley and Sons, the Euston Press, who are showing folders, layouts, ingenious printing suggestions, catalogues, posters, specimens of metal foil printing, etc. Another exhibit of great interest is that of Lorilleux and Bolton, the well-known printing ink and varnish firm, who, ever up-to-date, are showing some very fine specimens of water-colour ink printing. The attractiveness of their exhibit is completed by a show case containing samples of raw materials used in the manufacture of printing inks. For samples of attractive printing for many purposes, newspaper, jobbing, book printing, it would be hard to beat the exhibit of the Lanston Monotype Corporation, while B. Winstone and Sons, the printing ink and varnish makers, also command attention by a very attractive display of printing by various processes. Other firms who have contributed to make a most attractive stand are: W. Clowes and Sons, Ltd., London and Beccles; R. G. Evans and Co., Ltd., Manchester; W. P. Griffith and Sons, Ltd., London; John Harrison, Stockton-on-Tees; The Hills Press, Ltd., Sunderland; Kenrick and Jefferson, Ltd., West Bromwich; Leighton and Lonsdales, Ltd., London; C. Nicholls and Co., Ltd., Manchester; A. McLay and Co., Ltd., Cardiff; W. J. Pollock and Co., Ltd., London; Sanders Phillips and Co., Ltd., London; H. W. Searle, London; Edward Stanford, Ltd., London; Thos. N. Storer, Sons and Co., London; Wyman and Sons, Ltd., London.

FISHER BOOKBINDING CO.

For sheer ingenuity and tasteful design it would be hard to find a better exhibit than that of the Fisher Bookbinding Co. (1912), Ltd. The background is arranged in the form of a large book-cover, illustrating very effectively the "TOCIP" spring fitting for holding telephone directories, periodicals, etc., in covers, and also "Heath" loose-leaf fittings, for both of which the company are sole agents. The front of the stand has a flooring of imitation grass, and bears on each side the effigy in considerable size of the famous "Kingfisher" trade mark. Altogether a very attractive stand.

Returning to printing machinery, a stand of great interest is that of John Jardine, Ltd., where "Jar-

dine" platens, guillotines, cutters and other printers' requisites are on view.

Amongst exhibits of showcards, stationery, letterheads, etc., may be mentioned the imposing stand of William Sessions, Ltd., the "Ebor Press," York. Other firms who have well-designed stands in the stationery, paper and allied trades section include G. Delgado, Ltd., C. W. Faulkner and Co., Ltd., John Harrap and Son, W. McKenzie and Co., Ltd., A. Vivian Mansell and Co., Millar and Lang, Ltd., Raphael Tuck and Sons, Ltd., Wildt and Kray, and The "Holly Bush" Publications.

Marking Imported Boxes

Under the Merchandise Marks Act, 1926, a standing committee held an inquiry at the Board of Trade on Monday to consider whether imported boxes, cartons, cases, and other containers, made of paper, chip, straw-board, fibre board, pulpboard, or similar boxboard, and the flats for such boxes should be required to bear an indication of origin.

The applicants were the British Paper Box Manufacturers' Federation, supported by the Fibre Board Packing Case Manufacturers' Association and the Association of Corrugated Paper Makers. Mr. A. E. Goodwin (Director, Federation of Master Printers) was present to watch the proceedings in the interests of printers.

Opposition came from the Food Manufacturers' Federation and the Manufacturing Confectioners' Alliance, the Electrical Importers' and Traders' Association, and Messrs. S. H. Benson, Ltd.

Mr. W. B. Faraday, for the applicants, said that in the 75 per cent. of the trade which he represented, the total number of people employed was nearly 31,000. The import figures had increased from 8,000 cwts. in 1911 to 65,000 cwts. in 1929, and the value in similar proportions from £26,000 in 1911 to £196,000 in 1929.

The hearing of the application was continued on Tuesday.

It is a pity that more representatives of the employers and the unions associated with the printing industry were not present to hear the extent to which foreign printing is making inroads into this section of the industry, and at the same time to see the strenuous way in which those interested in the importation of foreign boxes and printing are fighting this particular case with an array of counsel and expert witnesses.

At a recent meeting of hand printers it was decided to form an Association of Hand Printers. The qualification for membership is that the member be a practical printer; the imprimatur of the association will only be given to books set up by hand and printed on a hand press. The hon. secretary is Mr. Cyril Edwards, Rose-neath, Lucien Road, S.W.17.

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1/6

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Price

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lights when not
in use

NOTICE TABLETS

WITH WORDINGS FOR EVERY PURPOSE

SIZE 10" x 4" To hang

WASHABLE PERMANENT.

Ideal for Hotels, Hairdressers,
Cinemas, Offices, etc.

Trade Terms on Application.

LANGLEY & SONS, LTD.
4, 6 & 8, Euston Buildings, N.W.1

B R I T I S H

<and colonial> printers will find many of their problems relating to output, costs of production, and profits, **solved** by the installation of the

H - T - B COMBINATION FEEDER

*Don't scratch your head and wonder why !
Ask us to explain—without obligation to you*

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Blackhorse Lane, Walthamstow, London, E.17

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Sole Australian Agents: Wm. Arkley Pty. Ltd., Hardware House, Post Office Place, Melbourne, C.1

Sole Canadian Agents: Sears Co. Canada Ltd., Textile Building, Richmond and Duncan Streets, Toronto

Sole S. African Agents: W. H. Smith & Co., 143 St. George's Street, Cape Town

Trade Notes

FIRE destroyed on Monday the greater part of a block of old property known as Elmwood Mills, in Camp Road, Leeds, occupied by Messrs. W. A. Clapham and Co., wholesale stationers, and other firms.

ACTON fire brigade was assisted by the firm's brigade in dealing successfully with an outbreak of fire last week at the premises of Messrs. George Philip and Son, Ltd., map printers and publishers, Acton, and valuable stock was saved.

MONDAY saw the first issue of the old *Daily Herald* to be produced from its new offices at 18, Wilson Street, where the new *Daily Herald* will be produced on March 17th. On Friday night, with the last page of the last edition safely on the machines, compositors, sub-editors, foundry-men and reporters gathered around and bade farewell to the old premises, at 2, Carmelite Street. Old members of the staff met their new colleagues on Saturday, and were welcomed by Mr. William Mellor, the editor, in the new offices.

IMPORTANT developments are being made by the St. Anne's Board Mill Co., Ltd., Bristol, comprising a new mill, which is being built alongside the existing one.

PRINTING is included amongst a large number of industries that will be represented at the Scottish Industries Exhibition, to be held in the Alexandra Palace, Wood Green, London, from February 28th to March 28th, 1930.

THE annual dinner of the Printing Trades Alliance will be held at the First Avenue Hotel, London, on Saturday, March 8th, 1930, when Mr. Ramsey Muir will be the chief speaker of the evening.

A LUNCHEON and meeting of the young master printers of the Home Counties Master Printers' Alliance will take place at the Florence Restaurant, Rupert Street, on March 12th.

MR. ROBERT W. MOFFREY, Past Grand Master of the Manchester Unity of Oddfellows, died at Balham on Sunday in his 85th year. Apprenticed as a printer in London in 1859, Mr. Moffrey, when 29 years of age, obtained an appointment in the Stationery Office in an open competition. For eleven years he was editor of the *Oddfellows' Magazine*, resigning in 1898 to become a director of the Order.

THE late Mr. William Dickie, of Shawlands, Glasgow, manufacturing stationer, left personal estate of £18,602.

THE late Mr. Harry Wood Southey, J.P., of Hereford, formerly owner of the *Merthyr Express*, who died on November 4th, aged 87, left £17,762 (net personalty, £16,986).

THE late Mr. James Frank Smith, Southend-on-Sea, stationer, left £5,614 (net personalty £4,593).

THAT Dutch typefounders, book-designers and printers can lay claim to a very high level of craftsmanship is being evidenced at the house of the First Edition Club, 17, Bedford Square, where there is an exhibition of 100 Dutch books, collected, at the invitation of the club, by Mr. S. H. de Roos, director of the Typographical Library of Amsterdam. A well-produced catalogue of the exhibition is available.

MR. JOHN TOMLINSON, of 72, Erskine Street, Leicester, has been appointed sole agent in this country for the German printing ink firm, Gebr. Jaenecke and Fr. Schneemann.

Printing Machinery

Mr. B. C. Digby on Presses from 1450 to 1930

The immense developments achieved in the realm of printing machinery since the invention of the first wooden press back in the middle of the fifteenth century, were succinctly reviewed in a most informative lecture on "Printing Machinery," which Mr. B. C. Digby, of Messrs. R. Hoe and Co., Ltd., delivered at Stationers' Hall on Friday to a large audience. Mr. H. Wilson Howes (secretary, Printing Machine Managers Society), presided, and was supported by several well-known printing trade personalities.

Commencing with a brief description of the wooden press, Mr. Digby explained the improvements made to it later, and passed on to the important invention of the iron press in the late eighteenth century. He pointed out that, in the early part of the last century, came certain improvements in the details of the iron press, and later on the idea of printing from plates carried on a flat bed running beneath a cylinder (an idea used to some extent by copper-plate engraving printers in the fifteenth century) was improved upon, and made practical.

The "stop cylinder" press made its appearance in 1852, the invention of Dutartre, a Frenchman, whilst a little previous to this Richard M. Hoe took out a patent for an invention for rotating type, the type being held on to a horizontal cylinder. Various experiments were also made about this period to demonstrate the possibility of printing from a curved cast stereo plate.

The possibility of continuous-web printing had been suggested by Sir Rowland Hill in 1835, but it was not until 1865 that Bullock made good use of the suggestion, and constructed the first printing machine to print from a continuous web.

The construction of their first rotary perfecting press by R. Hoe and Co. came about in 1871, and was followed by many important improvements. To an American went the credit for the idea of uniting printing mechanisms to produce a multiple number of pages at a time.

Improvements in inking mechanism were dealt with at some length by Mr. Digby, and folding apparatus was also described.

In conclusion, the speaker touched briefly on offset and intaglio printing, saying with regard to intaglio that with the improvements of which he had recently heard, the process would no doubt be more popular in the future.

At the conclusion of his lecture, Mr. Digby clearly elucidated many points put to him by his audience.

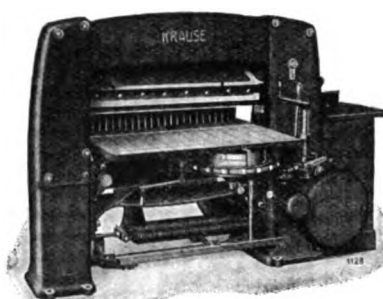
A vote of thanks to him was proposed by Mr. John Acton, who remarked on the value of such lectures given by men with such practical knowledge as Mr. Digby. Mr. Frank Colebrook, in seconding, also paid tribute to the lecturer, and recalled interesting reminiscences of years gone by. The vote having been heartily carried, Mr. Digby, in reply, proposed that the thanks of the meeting be given to Mr. H. Wilson Howes for his able occupancy of the chair. This having been accorded, Mr. Howes in voicing his thanks spoke interestingly of the past and intimated that he regarded it as a signal honour for his Society that he should have been invited to preside over the meeting.

PRINTING INKS AND VARNISHES



The brilliance of Coates Bros.' printing inks and varnishes is something that goes beyond the ordinary meaning of the word. It is a brilliance that gives strength and meaning to every job. A brilliance that is coveted and admired by those who appreciate the best in printing. It is a brilliance that lasts and a brilliance that pays. The secret is in the quality of the ingredients and the skill of the makers. Coates Bros.' reputation for quality inks and varnishes is unrivalled.

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BROS & CO. LTD.
MAKERS OF FINE PRINTING
INKS AND VARNISHES.
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SALISBURY SQ. LONDON E.C.4



It is only
necessary
to "Press
the Button"

A Printing house writes as follows with reference to the "Krause" High-Speed Guillotine

"After having had your 'Krause' High-Speed Guillotine in use for over a month, I should not like to miss the opportunity of expressing my greatest regard for this machine.

"Owing to its compact build, considerable floor space is saved, and by its rapid and dead accurate cutting, a very high standard of efficiency is attained.

"It is beyond my understanding how, for many years past and with considerable loss of time and wages, I have used an old-fashioned and slow running guillotine for work which I can now complete in a fraction of the time. The simplicity of operation—it is a fact that it is really only necessary to 'Press the button'—is another great feature of the machine.

"I have already recommended this machine to a number of my friends in the trade, and shall not fail to continue to do so."

Ask for leaflet B.C.P. 185

KRAUSE

Karl Krause, Leipzig, C.I., Zweinaundorfer Str. 59

SOLE AGENTS

HENRY BOYCE & CO.
2 Sandland Street, London, W.C.1

The Evolution of Lithography

Mr. P. B. Melling Describes Processes Past and Present

The progress of lithography from the early experiments of Senefelder in the beginning of the 19th century right up to such modern developments as photo-composing machines, was described by Mr. P. B. Melling (of the Forrest Printing Ink Co., Ltd.), to the L.S.C. Jobbing Guild on Wednesday last week, when Mr. H. B. Naylor (hon. secretary) presided over a large audience.

EARLY PROCESSES

After dealing briefly with Senefelder's discoveries, following exhaustive experiments, and also the work of other pioneers in the art of lithography, such as Samuel Prout (some of whose work was on view in the room), Hullmandel, J. D. Harding and T. Sidney Cooper, Mr. Melling went on to describe some of the processes in vogue in the last century. These included Baxter's printing, *Naturselbstdruck* (nature printing), and the "Graphotype" process.

It was, however, the coloured lithograph that triumphed over rival ideas, he said. After the introduction of the first slow and cumbrous litho machines in 1860, there commenced the issue of chromo-lithographs—gaudy, shiny reproductions, which reached their Golden Age during the '80's and '90's of the last century. The demand for these gradually waned, under the influence of economic forces and technical changes in the printing industry.

PHOTO-LITHOGRAPHY

Passing on to photo-lithography, Mr. Melling said that photo-lithography by transfer methods was discovered thirty years before the Meisenbach ruled screen laid the foundation of lithography's most serious rival as a means of colour reproduction. The development of process engraving through the stages of monochrome, half-tone to tri-colour half-tone coincided with first a decay and then a revival in lithography during the last quarter of a century.

It had to be confessed that a slow-going conservatism, and a certain cynicism for rival processes, which made itself felt among industrial lithographers in the past, did not benefit the craft. The mysteries and possibilities latent in the manipulation of the ruled screen in the camera were left almost entirely to be exploited by relief printing processes. The spreading of the dot inseparable from the flat-bed planographic or surface printing methods for half-tone process work, and the slow advances made in adapting metal plate for lithographic use, turned the attention of the process engraver elsewhere. But to-day, said Mr. Melling, the highest skill in the process department was successfully mastering the problem and producing results by direct photo-lithography which were the admiration of the artistic and commercial advertising worlds. Reproductions from toned bromide enlargements were now possible which were difficult to differentiate from the real thing.

OFFSET PRINTING.

Regarding the advent of "offset," this process, he said, was treated as a "universal aunt," because it was supposed to be able to print on anything. The real truth was, of course, that offset printing demanded extra care and consideration in the choosing of paper and ink.

One of the most arresting and significant developments of offset litho printing had been in connection

with the photographic reproduction of books. Photo-litho reproduction processes for letterpress text fell into two classes: (a) The making of negatives from already existing printed matter; (b) The photo-composed negative type processes. The first group called for the aid of the hand or machine compositor at the outset, and provided the most successful methods up to now. Variations included the "Manul" process, the Typary and Typon processes, and the Phototype method—which processes the speaker proceeded to describe in some detail.

TYPARY AND TYPON

The chief advantage of the Typary machine proofs of typographical matter was that an even density of impression was secured on all the pages, a very necessary condition when printing book work from offset machines.

The Typon Reflex Process, was a very successful method of obtaining a perfect reproduction in facsimile size (without recourse to the camera) of an original printed on both sides of the paper or printed on a material through which the light would not penetrate.

In direct contrast to the Reflex method was the Phototype process for reproducing existing printed matter. Paper negatives of extreme density were used, mounted on a paper made especially translucent. The original printed pages, or bromide prints of them, were imposed on a specially lined-up sheet. Eight or sixteen pages thus imposed could be photographed at one time, developed, fixed and dried as a single sheet. The resulting negative, or composite negative, was imposed upon a glass table with a light underneath, and then printed down upon the metal plate for the offset machine.

PHOTO-COMPOSING MACHINES

The second group of text matter reproduction processes allied to photo-lithography consisted of photo-composing machines for letterpress matter. There was the August-Hunter machine, of which a great deal was heard a few years ago, and also the machine recently invented by Mr. G. F. Bagge, of Cleveland, Ohio. Both these machines were described by the lecturer at some length.

The future practicability of such machines, said Mr. Melling, rested with offset printing; but, so far as could be judged, they had not passed beyond the stage corresponding to Mergenthaler's early linotype experiments. Whether they would ever become formidable rivals to existing mechanical typesetting machines lay in the lap of the gods. It might not be in our time, he concluded, but, with offset machinery and improved photo-litho methods of the future, photo-type-composing might be found establishing the second historical contact with the invention of Senefelder.

Mr. Melling made his address the more interesting by many examples of process work displayed in the room, and also by actual specimens of the work of early lithographers, which he passed round among his audience.

At the conclusion a vote of thanks was proposed by Mr. Murphy, seconded by Mr. John Geddes, and carried with acclamation.

THE London *Daily Chronicle* plans to appear on March 10th enlarged and in a form much remodelled and typographically improved.

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Who's Who

A VETERAN BOOKBINDER

Not many men associated with the bookbinding industry can claim to have been in active business for 67 years. Such is the record of Mr. John S. Cross, of Messrs. Drake, Driver and Leaver, Ltd.

Born in 1854 at Ipswich, Suffolk, he started work at the age of 9 years with the well-known firm of S. H. Cowell, printers and stationers of Ipswich, as a ruler's boy, and later proceeded to his apprenticeship as an account-book binder. In 1875 he came to London, where



MR. JOHN S. CROSS

he obtained employment with the world-renowned firms of Caustons and Waterlows.

It was in 1879 that he obtained the position of foreman binder with Messrs. Drake, Driver and Leaver, Ltd., who at that time were just starting their own bindery, at New Bridge Street, E.C. It is interesting to hear his reminiscences of the 50 years' progress of this firm, with whom he is still in charge of the binding and ruling department.

He is still remarkably active and capable, towards which happy result his athletic interests no doubt contributed—he was in earlier years a keen cyclist and has several cups, etc., as evidence of his prowess.

He has been associated with the Stationers' Mutual Benefit Society for over 50 years, and has always shown keen interest in the social and welfare side of the trade of which he is a much-respected member.

THE death has occurred of Mr. Alexander B. Maitland, of *The Times* composing department, aged 57. Mr. Maitland entered the service of *The Times* 22 years ago. In the autumn of 1914 he was elected "Imperial Father" of the composers' three chapels, a position which he held up to the day of his death. He was well known among composers of Fleet Street, and was a worker for the Auxiliary Pensions of the Printers' Pension Corporation; and at one time a member of the executive committee of the Lloyd Memorial (Caxton) Seaside Home.

New British Patents

APPLICATIONS

- Addressograph Co. Printing machines. 4,233.
 Best, C., and Molins Machine Co., Ltd. Printing machines. 3,586.
 Claybourn, L. W., and Sharples, S. L. Printing machinery. 4,177.
 Donisthorpe, I. M. Envelopes. 4,128.
 Hausen, C. B. P. Machine for production of paper rolls for tombola numbers, etc. 3,782.
 Knight, C. A. Envelope or bag. 3,594.
 Molins, W. E. Cartons, etc. 3,763.
 Molins, W. E. Cartons for cigarettes, etc. 4,337.
 Smith, H. A., and Thomson, G. H. Rotary colour printing machine. 3,799.
 Staveley, W. Production of pictures, etc., for calendars. 3,827.
 Triggs, W. W. (Wood Newspaper Machinery Corporation). Folding machines. 3,794.
 Triggs, W. W. (Wood Newspaper Machinery Corporation). Stereotype plate casting machines. 3,795.
 Triggs, W. W. (Wood Newspaper Machinery Corporation). Printing machines. 3,796.
 Wilson, C. J. Cartons for milk, etc. 3,702.

SPECIFICATIONS PUBLISHED

1928

- Goss Printing Press Co. Delivery apparatus for printing presses. 218,856.

1929

- Jagenberg-Werke Akt.-Ges. Process and apparatus for applying labels or the like to box parts. 307,356.
 Linotype and Machinery, Ltd., Scott, R. H., and Goulding, G. J. Rotary driers for stereotype matrices. 324,816.

COMPLETE SPECIFICATIONS OPEN TO PUBLIC INSPECTION BEFORE ACCEPTANCE

1929.

- Hummer, H. Paper bag. 18,593.

1930.

- Spiess, G. Sheet-folding apparatus. 3,507.

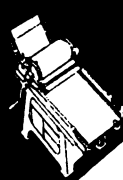
Harrison and Sons' Dinner

The seventh annual dinner and dance of Harrison and Sons, Ltd. Social and Athletic Club was held at the Manchester Hotel, Aldersgate Street, on Saturday, February 8th, when Mr. B. Guy Harrison presided over a company numbering 130 members and their friends.

Mr. Hugh Harrison, who is the son of Mr. Guy Harrison, and a great-great-great-grandson of the founder of the firm, cordially proposed the toast of the Club, and the secretary of the Club, Mr. A. Manley, in replying referred to the spirit of comradeship which prevailed amongst all the members.

The chairman responded to the toast of "The Directors," which was proposed by Mr. J. Snell, and Mr. E. Fox Overbury replied to the toast of "The Visitors" proposed by Mr. W. Ginns.

THE Verlag der Buchdrucker-Woche (Berlin SW 68, Zimmerstr. 7) has just published a 58-page brochure on costing, entitled "Selbstkostenberechnung in Buchdruckereien" von Alexander Bartosch, price RM. 250.



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VI.—END SHEETS AND CUT EDGES

End sheets are pasted on the first and last sections of sewn books before sewing, and the process of attaching the end sheets by hand is so well known as to require no description here. In some cases, however, it is necessary to proceed with the sewing of the books before pasting on the ends, these being added when the books leave the machine. This arrangement will be avoided where possible and will only be necessary on rare occasions when ends are being printed and it is necessary to press forward with the sewing.

END SHEET PASTING MACHINE

End sheet pasting machines increase production and reduce overhead charges very considerably.

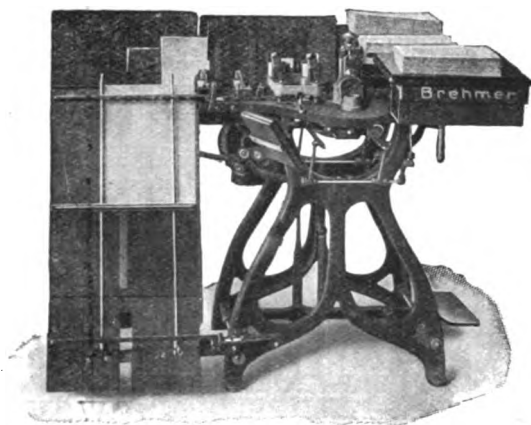


FIG. 1.—END-SHEET PASTING MACHINE

Brehmer's Semi-Automatic End-Sheet Pasting Machine shown in Fig. 1 (Messrs. Aug. Brehmer's (British) Successor, Ltd.), gives a good clean pasting of end sheets, maps, and plates to back sections. Production by this machine is easily three times greater than is possible by hand; it is simple to operate, works at a high speed and has the valuable quality of easy adjustment to the various sizes of work. The width of the adhesive strip can also be regulated by the simple turning of a screw, and in addition it is also possible to adjust the machine in such a way that the end paper, or map, etc., can be dropped away from the head, or tail, of the section, or it can be affixed away from the actual edge of the section. This is particularly useful where maps or plates have to be registered in accurate positions before sewing.

The pasted sections are pressed firmly together by passing through various rubber and steel rollers before reaching the delivery bed. It is also possible to paste the end sheet right round the section, as in the manner of a drawn-on cover. The standard machine handles sections from 4½ in. x 3½ in. up to 15½ in. x 11 in.

TRIMMING EDGES

The cutter, having received his "dummy" and case, for size and style, proceeds to trim the edges of the books for the forwarder.

One of the troubles which the cutter comes up against at times is "set-off," and the expert will have his pet method of dealing with this difficulty. A usual and fairly satisfactory dodge is to have a narrow strip of strawboard fixed to the front edge of the clamp so that the greatest pressure will be exerted on the margin of the book, instead of over the whole area

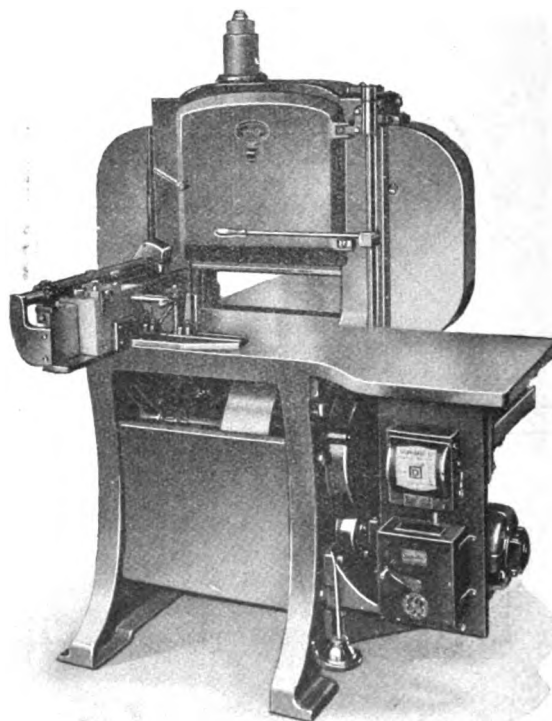


FIG. 2.—MIEHLE "SAFETY TRIMMER"

of the clamp. Another method is to have a flat board which can be laid on top of the pile, along the edge of which, flush with the clamp, a narrow strip of extra board is added, thus giving extra thickness to take the heavy pressure.

CUTTING MACHINES

Of guillotines, there are many and various makes and models, from the simple hand-operated unit, to the modern high-powered self-clamp machine.

The Victory Triple-Geared Automatic Self-Clamp Guillotine (Messrs. Victory-Kidder Printing Machine Co., Ltd.), is a useful machine for general utility work, it will hold any kind of material and cut it accurately. (An illustration will be found on the back cover of this journal.) The automatic principle of clamping obviates the trouble and uncertainty introduced by a clamp which has to be adjusted for different kinds of material and thickness.

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cutters. It is effected by making the clamp act as a fulcrum to give the knife the end motion instead of employing swinging arms attached to the frames or slots made in the frames. Whatever resistance there is to the knife taking a lateral motion makes it bear just so much harder on the point that is giving it lateral motion; and, the clamp being that point, it gives a harder pressure the more it cuts, just in the proportion that is needed.

The machine is strongly made throughout and dependable for trouble-free service. All gears are of steel, machine-cut from solid shafts, and the bearings are of ample dimensions. Other wearing surfaces are also generously proportioned. Silent and smooth in operation, the machine can be run at thirty-five cuts per minute. The knife-operating mechanism has a minimum number of joints, and this feature ensures the

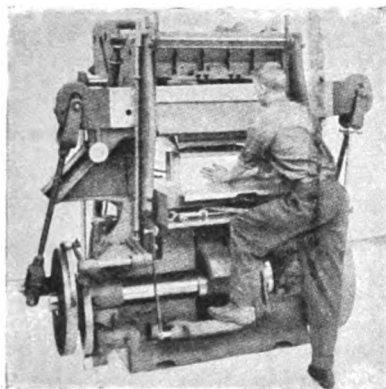


FIG. 3.—SEYBOLD 3-KNIFE TRIMMER

knife travelling perfectly steady without sign of knock or jerk.

The Safety Trimmer, Fig. 2 (Messrs. Miehle Printing Press and Mfg. Co., Ltd.), is designed for trimming circulars, booklets, catalogues, magazines, etc., one or more up. In this machine the shavings fall at the rear of the machine, and a small amount of floor space is required. The change from one size to another is made very quickly. A special feature of the machine is the automatic stop gauge arrangement: the different cuts can be made with a single setting of the stop gauges, which are graduated and numbered. This feature ensures absolute accuracy in trimming, with no gauge alterations necessary until completion of the job; and although the standard arrangement provides for ten cuts only, practically any number of cuts may be made within the limits of the width the machine is guaranteed to cut and the length of work it will handle.

An automatic carrier is provided for work, two or more up, which is synchronised with the standard gauge arrangement. An adjustable safety guard can be locked in position according to the height of the cut for protection of the operator.

The basic machine trims one up work in sizes from 2½in. x 2½in. up to 19½in. x 21in., which covers the whole range of booklet and magazine trimming. The standard machine is equipped with a gauge permitting work to be handled up to 21in. in length, but 30in., 40in. or 45in. gauges may be substituted for the standard gauge when the need arises.

The Seybold Three-Knife Book Trimmer, Fig. 3 (Messrs. Smyth-Horne, Ltd.), is a machine that occupies a floor-space of 8ft. by 7ft. 4ins., will trim with perfect accuracy and smoothness books stitched or

sewn, hard or soft stock, paper material in any form to be cut on three sides. It has a range of from 5½in. to 24in. head to tail, and 2½in. to 16in. back to fore-edge, and will cut a pile 6in. high. It is changed from one size cut to another with ease. The pile is not moved from one position to another between the time of cutting the heads and tails and the fore-edge. All cutting is completed while the pile is held in one position, the two end knives which trim heads and tails cut from back to front of the book simultaneously, travelling against the bound edge, thus avoiding tearing or pulling.

The clamp is provided with a flexible joint between the pressure column and the plate to which the pattern block is attached. The flexible joint permits the pattern block to adjust itself to the slightly different height of the back and front of the pile of books. A

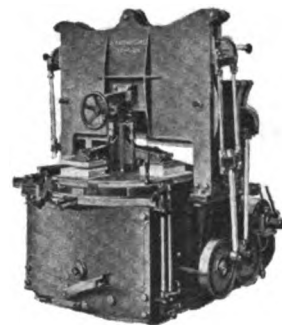


FIG. 4.—FRIEDHEIM 3-SIDED TRIMMER

treadle is provided to operate the clamp when it is necessary to hold unsteady piles in position, until the automatic clamp pressure is applied.

When the starting lever is pulled, a safety guard descends to the table in front of clamp and knives, then the clamp descends and exerts the full amount of pressure required. Now the two side knives move down simultaneously, trimming heads and tails, and rise before the front knife descends, trimming the fore-edge. When the front knife ascends, the clamp is released. At this stage the guard rises and admits of the trimmed pile being removed.

After a pile is completely trimmed, and the guard rises from the front table, the driving clutch is automatically thrown out, a friction brake stops the action of the machine, and a steel safety bolt is in position to prevent further movement until the operator again pulls the starting lever, thus making for safety.

Under ordinary conditions magazine work can be cut at 10,000 per hour; by slight adjustment work two and three up can also be completely trimmed on the machine.

A number of pattern blocks may be kept attached to separate clamp plates, so that changing from one size to another only requires the setting of the back and head gauges, and the adjustment of the rear knives and the pressure column.

The Friedheim Four-Pile Three-Sided Cutting Machine, Fig. 4 (Messrs. Oscar Friedheim, Ltd.), is another machine capable of dealing with large quantities of books and periodicals. The machine is of massive construction and exerts enormous pressure for cutting and clamping. The actual power required to drive the machine is comparatively small. The knife guides are of exceptional strength and rigidity, thereby counteracting the indrawing tendency of the knife. Books from 2½in. x 4 11/16in. up to 13in. x 16½in. can be cut, and the pile may be 6 5/16 in. in height. Twelve

cuts per minute can be obtained. The clamping of the pile is perfect and fully automatic, and, although the clamp gives great pressure, a safety device is included which prevents accidents should the operator make a mistake in the number of books fed into the machine. An important feature of the machine is the fact that the operator works at a considerable distance away from the knives and so runs no risk of accidents.

No adjustment of knives is necessary for altering the machine for various sizes of books; all that is required is a movement of the feeding table in accordance with the indicators provided.

STANDARD PAGE SIZES.—The joint committee representing the Incorporated Society of British Advertisers, Ltd., the Periodical Trade Press and Weekly Newspaper Proprietors' Association, and also independent publishers, which has been considering the question of standardised page sizes for periodicals, has adopted unanimously the following resolution: "That this meeting . . . confirms the principle of the standardisation of advertisement page size for all trade and technical journals, and recommends all publishers to whom the change is practicable to adopt and put into effect as early as convenient (and if possible not later than January 1st, 1931) the standards agreed. (1) The advertisement page size of 10 ins. by 7 ins. be the accepted standard. (2) Where any deviation from this size is necessary, it shall preferably be one of the following approved sizes which are in the same ratio as 10 ins. by 7 ins.: (a) 11½ ins. by 8 ins., (b) 9 ins. by 6½ ins."

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"Fast colour" may mean two or three things: one, fast to sunlight; two, fast to moisture; and of course, fast to both. Comparatively few dyed materials are fast to both sunlight and water. "Fast to sunlight" is *almost* an impossibility under all conditions; sunlight shining through glass—a window for instance—will bleach or fade almost any colour or textile material. Fast to moisture is more important for lending library work than fast to sunlight: both books and borrowers suffer when the colour comes off with the moisture of the hand or a wet glove.

Library binders, of course, use fast colours for rebound books, but comparatively few publishers' covers are made of fast-to-moisture cloth, although the additional cost for the waterproofing process is very small. Fast to moisture colours may not be of much importance in the case of privately owned books, but the damage a sudden shower may do to library books—public and circulating—is material.

In our reviewing lately, where, for years, we have made a feature of drawing attention to fast colours, we have noticed many more publishers using fast-to-moisture cloth. We do not know if this is due to our effects or not: and we are not worried about it in either case: but we confess we are pleased to see the change coming, however gradual it may be. As we have previously said, we regard fast-to-moisture as more important than fast-to-sunlight in the case of book bindings.—*The Librarian*.

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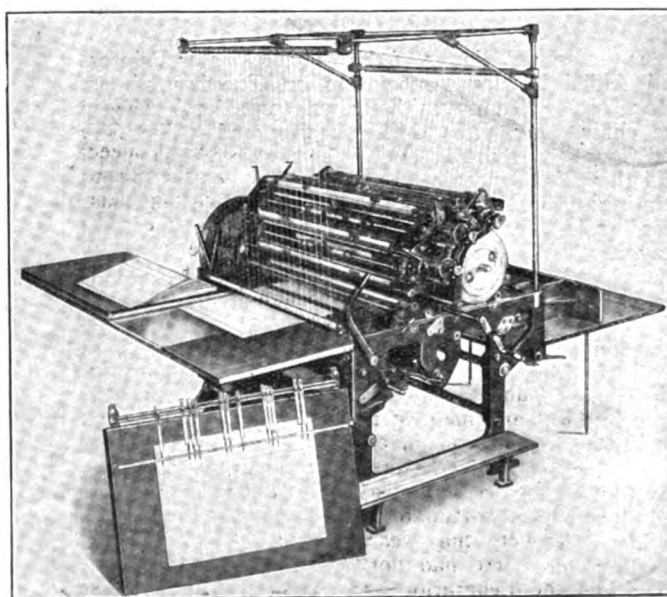
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Country News

ABERDEEN

A PROMINENT Scottish stationer has passed away in Aberdeen in the person of Mr. John C. Dunlop, who has died in his eightieth year. Mr. Dunlop was a compositor on an Aberdeen newspaper for some time, and subsequently was employed by a local firm of printers. He then became overseer in a Glasgow printing establishment, and afterwards removed to London as manager for sixteen years of a printing and publishing business. Returning to Aberdeen, Mr. Dunlop set up business twenty-six years ago as a newsagent and stationer. He was an active member of the Stationers' Association, and also of the Newsagents' National Federation, having been a president of the former, and a vice-president of the latter.

BOGNOR

A CASE of interest to printers was heard at Bognor Police Court the other day, subsequent to an accident in a local printing works. R. J. Acford, Ltd., printers and newspaper proprietors, of Bognor, Chichester and Midhurst, were summoned for alleged offences under the Workshops and Factories Act, it being alleged that an employee was injured through machinery being not properly fenced. The employee, Ernest Henry Cozens (15), was assisting at trial runs of a wharfedale printing machine when his hand was caught between the cogs. There was no guard over the cogs, these being under test after repair. The defence relied upon the sub-section of the Act, which states: "All fencing must be in an efficient state while the parts required to be fenced are in motion or use, except while they are under repair or examination in connection with repair, or necessarily exposed for the purpose of cleaning or lubricating, or altering gearing or arrangements to the parts of the machine." In view of this clause the magistrates dismissed the summons, granting defendants twenty guineas costs.

BRISTOL

At the annual dinner of the Bristol Master Printers and Allied Trades' Association on Tuesday of last week, Mr. J. Arrowsmith-Brown (president) was in the chair. Mr. J. L. Milligan proposed "The City and County of Bristol," and in the course of his speech said that 20,000 people were dependent on the Bristol printing trade. "We don't like your printing business," said Mr. Milligan later, addressing the Lord Mayor. "We don't think you manage it well. (Laughter.) Last year your loss was three times your turn-over. Give it up." In responding, the Lord Mayor said "I have not been on the City Council for very long, but I have been on it long enough not to be drawn into any discussion at public meetings with regard to Council affairs. I have no knowledge of the printing department of the Corporation, beyond the knowledge which you all possess in common." "The Federation of Master Printers and Allied Trades" was given by Mr. G. H. Holloway, who said the Federation had always been fortunate in its presidents. The name of Mr. Maxwell, that year's president, was an outstanding one. He had done an amazing amount of work for the Federation. Mr. W. Maxwell said, in response, that only those within the inner circle of the Federation knew what a great body it was and what a great work it had to do. "Ours is an exalted craft," he remarked; "while it is the handmaiden it is also the aristocrat of industry." Mr. Twitcher (president of the South Wales Alliance) proposed

"The Bristol Master Printers and Allied Trades' Association," and Mr. Howard Rankin (chairman of the Bristol Committee of the J.I.C.) responded.

AN outbreak of fire occurred at some buildings belonging to the Vandyck Printers, Park Row. It was soon got under by the Bristol fire brigade, however, and no interference with the business of the firm has been caused.

THE death has just taken place of Mrs. Matthews, wife of Major B. H. Matthews, head of the Cabot Press, Bristol. At the funeral, which took place at Corsham, there was a large attendance, which included Messrs. Foster and Harold Robinson, the Cabot Press being represented by Messrs. P. H. Matthews, E. Parker, A. J. Bond, P. Bond and H. Allen.

CARDIFF

A VERY pleasant evening was spent on Friday last by the members of the Cardiff Master Printers' Association and their friends, when a whist drive and dance was held at the Pavilion Café, Cardiff.

A SPECIAL course of ten weekly lectures is being carried through at the Cardiff Technical College under the auspices of the Cardiff Joint Apprentices Committee of the Printing Trade, with the co-operation of the Cardiff Education Committee. The number of entries of students has been very gratifying, and the attendance is being well maintained. The lecturer is Mr. E. Rowland David, of the Tudor Road Printing Works, and during the course of the lectures a visit to a well equipped office will be arranged. Makers of inks, blocks and paper have co-operated in supplying samples, and machine-makers have supplied drawings and diagrams of the various classes of machines.

GATESHEAD-ON-TYNE

MR. STEINBERG'S stationery store in High Street, Gateshead-on-Tyne, was the scene of a destructive fire last week.

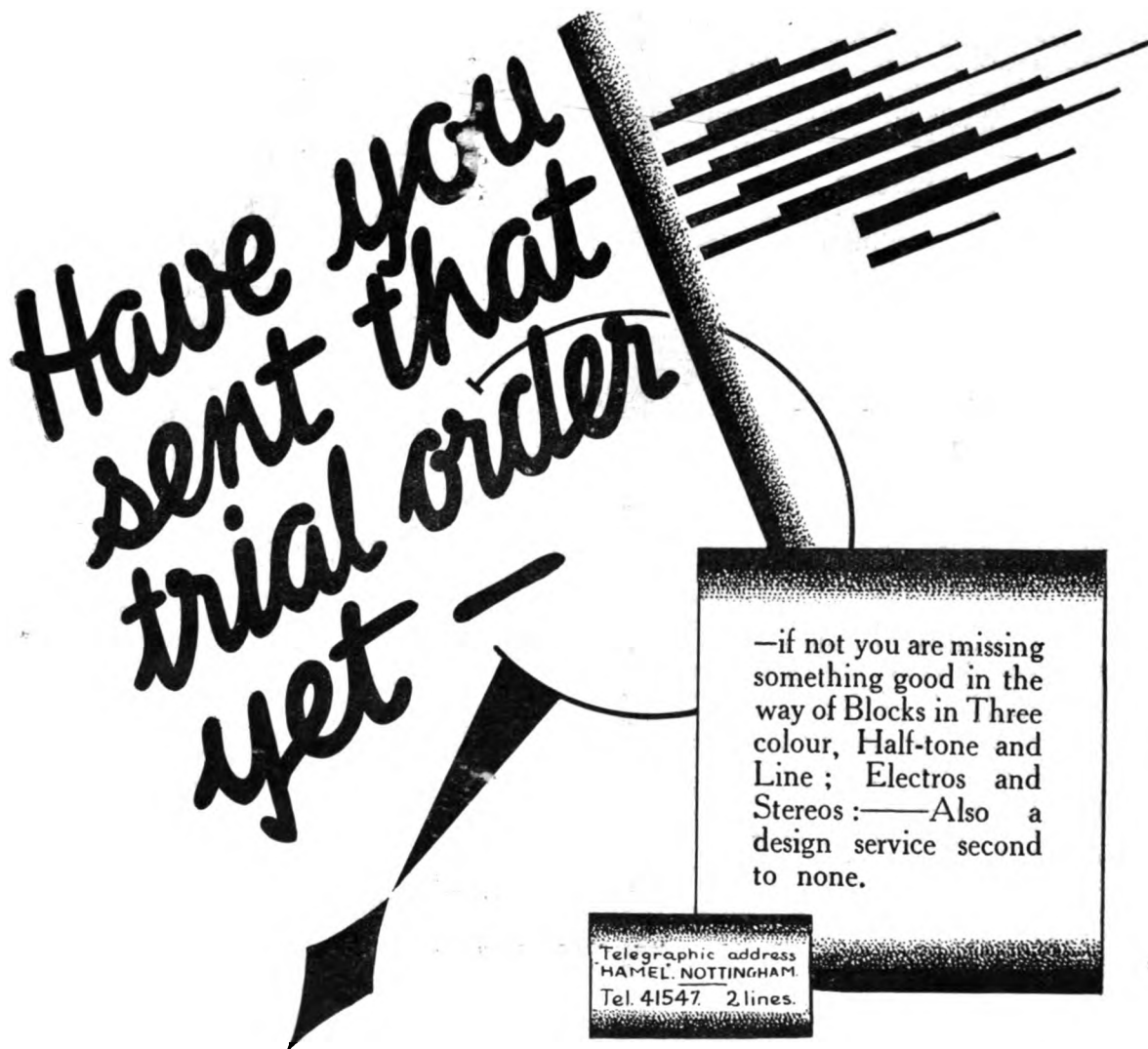
GLASGOW

THE death took place in Glasgow on Saturday of Mr. George Dott, M.B.E., printer, newsagent, and stationer. His early years were spent in Edinburgh, but in 1879 he went to Glasgow and opened a stationer's and newsagent's establishment. Mr. Dott entered the Corporation, ultimately becoming Senior Magistrate.

IPSWICH

THE Ipswich branch of the Amalgamated Society of Lithographic Printers celebrated the jubilee year of the Society with a dinner and concert at the Crown and Anchor Hotel, Mr. A. Knox (branch president) being in the chair.

THE Mayor (Councillor A. L. Clouting), proposed the toast of "The Society," and Mr. Thomas Sproat (general secretary), responding, gave a brief history of the Society. Alderman R. F. Jackson, toasting "The Kindred Trades," spoke of the nineteen unions which compose the Printing and Kindred Trades Federation as one of the strongest organisations in the country. Mr. A. E. Holmes (secretary to the Printing and Kindred Trades Federation), replying, said probably no other industry had a better understanding between employers and workers. Mr. E. Caldwell proposed "The Superannuated Members," and Mr. J. A. Richards replied. Mr. H. Lockwood gave "The Employers," and Mr. C. B. Hanson, in acknowledgment, gave a message from Mr. C. Baines, chairman of Master Printers in Ipswich, expressing good wishes. The toast of "Our Guests," was given by the secretary (Mr. A. T. B. Walker), Mr. T. E. Smith (Typographi-



E. HAMEL & CO
NOTTINGHAM

cal Association) replying, and the toast of "The Local Officers," by Mr. H. H. Gibbs, Mr. A. Knox and Mr. A. T. B. Walker making the response.

NOTTINGHAM

MR. ERNEST BUTTON, secretary of the Nottingham and District Trades Council, is obtaining data for a history of the local working-class movement, and appeals for the loan of documents which might help him. These should be forwarded to him at 233, Exchange Road, West Bridgford, and will be returned to the owners. The history is being prepared in connection with the 1930 Trades Union Congress at Nottingham.

OXFORD

TESTIMONY to the virility and harmony prevailing amongst the members of the Oxford and District Master Printers' Association was found in the large attendance at the dinner held in the Carfax Assembly Rooms on Monday. The proceedings were graced with the presence of a large number of ladies, and Mrs. J. Cheney, junr., with Mr. J. Cheney, junr., received the guests upon arrival. The toast of "The Federation" was submitted by Mr. John Johnson (printer to the University Press), who in his introductory remarks looked forward to the time when their president of that evening would be president of the Federation. Mr. F. H. Bisset, secretary of the Federation, who first responded, reviewed how the Federation's membership and work had grown. Mr. L. J. Cumner (assistant secretary of the Federation) also replied. "The Alliance" was submitted by Mr. Frank Gray, response being made by Mr. F. F. Vincent and Mr. E. O. Twitcher, president of the South-Western Alliance. Mr. C. E. Batey gave "The Oxford and District Association." Mr. J. Cheney, junr., the president, replying; and Mr. Duncan Crass gave the final toast, that of "The Ladies," to which Mrs. J. Cheney, junr., gracefully responded. An enjoyable musical programme was rendered by the Misses W. D. Morland and R. Colegrove and Messrs. Walter Cheney and Jack Maltby, Mr. V. Barnes being at the piano. Great praise is due to Mr. Norman Vincent, the secretary of the Association, for the complete arrangements made for the dinner, who was assisted by Mr. Edward Colegrove, the treasurer.

THE sale of railway posters to the public is increasing. At the North-Eastern meeting recently the chairman mentioned that sales run into hundreds now.

ONE of the most attractive of this year's calendars comes from Messrs. John Swain and Son, Ltd., Shoe Lane, E.C.4. The main feature, the figure of a girl, is a magnificent specimen of colour printing. The whole production, with its highly tasteful use of ornament and lettering, reflects the high quality which one associates with the name of Swain.

WITH the title "Bound to Attract," Messrs. Samuel Jones and Co., Ltd., have issued in ingenious form a sample book of their "Campaign" covers. The cover is cleverly cut out to resemble the figure of a girl leading a dog, and the samples inside are arranged so as to give colour to the figures. These cover papers have a mottled finish, which gives them an attractive appearance, yet offers no difficulty in the printing of heavy solids, whilst the papers lend themselves admirably to embossing work. They are well adapted for catalogue covers, brochures and booklets of all descriptions.

William Gale of Marlborough

A Striking Personality

The announcement that Mr. William Gale, printer, of Marlborough, has recently passed away, is not one likely to arouse much interest. But behind that bald statement of fact lies the story of an interesting and useful life.

William Gale was born the son of a shoemaker in Marlborough 74 years ago, and was apprenticed to a printer in his native town for five years with a starting wage of 1/- per week, after having served a month on trial for nothing. Hours of work were then long, and included working up till four or five o'clock on a Saturday. After completing his apprenticeship, Mr. Gale went to London and got employment with the firm of Letts, but much work by candle light so strained his eyes that under doctor's orders he left London. Returning to Marlborough he started business on his own account, with one hand press and a little type. By perseverance and strict commercial integrity he got on until at his death he owned a shop and premises in the main street of Marlborough and was head of a medium-sized printing works. William Gale was no "cutter." He would "pass" a job if he could not see something in it for the one who did it.

But his heart was large, his interests were wide, and his sympathy knew no barriers; consequently his life was full of good works. He was local secretary of the Christian Colportage Association, treasurer of the local branch of the British and Foreign Bible Society, closely connected with the work of the Aged Pilgrims' Society and other benevolent efforts on behalf of old and young. For years he was an ardent cyclist, and he also spent much time in his garden.

The esteem in which Mr. Gale was held received ample testimony at his recent funeral, when those present included the Mayor of the town and other notabilities, and the floral tributes were extremely numerous.

P.M.A. Concert

A concert was held on Saturday at the Royal Arms, Gaisford Street, Kentish Town, in aid of the funds of the Printers' Medical Aid Convalescent Home at Hastings. Mr. J. Daly (London Society of Compositors) presided, supported by Mr. J. Beaman (Natsopa Auxiliary). An excellent musical programme was supplied by the Sunshine Follies.

During an interval in the musical programme Mr. C. A. Geleit (chairman of the Camden Town Printers' Philanthropic Society) expressed gratification that the P.M.A. had been able to raise the magnificent sum of £50 as a first instalment towards the endowment of a bed at Hastings.

Mr. J. E. Baker (secretary, P.M.A.) in acknowledgment, thanked the officers of the Philanthropic Society for providing the concert, and particularly Mr. Daly and his co-chairmen for their efforts in appealing for funds which had received such an excellent response.

FROM Tondieur and Sauerlich, Georgiring 3, Leipzig, C 1, Germany, comes a well-produced catalogue, in English, whose purpose is to draw the attention of the English-speaking world to the German production of scientific books.

PRINTERS' SUPPLY HOUSES

A BUYERS' GUIDE TO EFFICIENT SERVICE

BRONZING MACHINES

LACO-MASCHINEN-FABRIK Paul Tschentscher, Leipzig, W 33 (Germany) supply Bronzing machines with sevenfold dusting.

ENVELOPE MACHINES

CARLAW, DAVID, & SONS, LTD., 31, Finnieston Street, Glasgow. High Speed Adjustable Envelope making Machines for all sizes and shapes; Blank Cutting Machines; Cutters; Embossing Machines, etc.

FOLDING MACHINES

CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C. 4. ('Phone Cent. 1165). The "Cleveland" and "Camco" series. A Folder for every need, from Eight Crown down to Demy Folio.

OFFSET MACHINES

CRABTREE, R. W. & SONS, LTD., Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C. 1. Makers of Offset Machines, Single Colour—Demy Folio to Extra Eight Crown, Two-Colour and Perfecting Double Demy to Extra Eight Crown. Transfer Presses and Graining Machines.

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CCROSS PATENT AUTOMATIC FEEDER. Manufacturers and Sellers: Cross Paper Feeder Co., Ltd., 92, Fleet Street, E.C. 4.

"ELLESS" PILE AUTOMATIC FEEDER. Sole selling Agents for Great Britain and Colonies, R. W. Crabtree & Sons, Ltd., Water Lane, Leeds.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfield, 25, Lime Street, E.C. 3. 'Phone: Monument 4002

PRESS BLANKETS

HOE & CO, LTD, R., 109, Borough Road, London, S.E. 1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C. 4. 'Phone: Central 3839. "LIGHT'S-EVERWEAR." Press Rubbers. Oil and Ink-Proof and Reversible.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C. 2. Printers in Russian, Polish, Czech-Slovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTG. METAL MANUFACTURERS

OIDAS METALS CO., LTD., 3, New London Street, E.C. 3. Telephone: Royal 7791. Specialists in the Manufacture of Lino, Mono, Stereo and all Type Metal. Specifications absolutely guaranteed. Reasonable Prices.

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CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C. 4. ('Phone Cent. 1165). The "Kelly" High Speed two rev. presses.

JOHAN & WM. BURT & SONS, LTD., 156, Caledonian Rd. London, N. 1 (Tel: North 3487/8) Sole Agents for "Auto-Phoenix" Two-Revolution, Step Cylinder and Platen Presses.

London Agents for Ratcliff's "Reliable" Direct Rotary, Rotary Offset and Tin Printing Presses.

ROLLER COVERINGS



MINTON, LOUIS, Trevelyan Buildings, Manchester. LITHO INKERS, DAMPERS, VARNISHING, LETTERPRESS, DIE-STAMPING, NEWSPAPER, ETC.

ROTARY WEB PRESSES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E. 1. Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGHSPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

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HOE & CO., LTD., R., 109-112, Borough Road, London, S.E. 1. Tel: Hop 6604. Telegrams: Expugnator-Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

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DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.

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STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. ROTOPATE (Reg. Trade Mark) and ROTOSHAVER Casting and Finishing Machines.

LIGHT & Co., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. Sole Agents for the "WINKLER" Automatic Moulding Press, Automatic Plate Casting Machine, etc.

TINPLATE DECORATING MACHINES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C. 1. Makers of "Rapid" Tinplate Decorating Machines with Semi-Automatic Pile Feeder, Tin Varnishing, Coating and Lacquering Machines.

Commercial Review

Current Share Prices

Allied Newspapers ord. 21s. 7½d., 8 p.c. cum. pref. 21s. 4½d., 21s. 3d., 5½ p.c. 1st deb. 90; Allied Northern Newspapers 6½ p.c. deb. 96½; Amalgamated Press ord. (10s.) 23s., 7 p.c. cum. ord. 19s., 19s. 3d., 5½ p.c. deb. 92½; Associated Newspapers 23s., def. (5s.) 28s. 3d., 29s. 4½d., 5 p.c. cum. pref. 16s. 7½d.; British Glues and Chemicals (4s.) 4s. 6d., 5s.; Buff Book def. (1s.) 9½d., 10½d.; Cassell Holdings 7½ per cent. pref. 20s. 6d., 20s. 9d.; Daily Express Building 6 p.c. deb. 94½; Daily Mirror Newspaper (5s.) 23s., 23s. 1½d., 8 p.c. pref. 26s. 1½d.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 104; Thomas De La Rue 10s. 6d.; John Dickinson 43s., 42s. 1½d.; Financial News 5 p.c. cum. pref. 13s. 4½d.; Financial Newspaper Proprietors 16s., 15s. 9d.; Financial Times ord. 27s. 6d., 7 p.c. cum. pref. 20s. 3d.; Hazell, Watson and Viney 5 p.c. cum. pref. (£10) 7½; Hutchinson Printing Trust 7½ p.c. partg. 1st pref. 14s. 7½d.; Ilford 52s. 6d.; Illustrated Newspapers 11s., 7 p.c. cum. pref. 14s. 4½d., 14s. 6d.; International Linotype 80; Kelly's Directories 7½ p.c. cum. pref. 22s. 3d.; Lamson Paragon 20s., 5½ p.c. cum. pref. 17s. 9d.; Lanston Monotype Corporation 37s.; Linotype-A deb. 69½; George Newnes 5 p.c. cum. pref. 16s. 1½d., 7 p.c. cum. pref. (10s.) 9s. 3d.; Northcliffe Newspapers 5½ p.c. deb. 96; Odhams Press (4s.) 6s. 11½d., 6s. 10½d., 6 p.c. pref. 14s. 6d., 14s. 10½d., 7½ p.c. A pref. 19s.; C. A. Pearson 5½ p.c. cum. pref. 15s. 6d.; Sunday Pictorial Newspapers 62s. 6d., 8 p.c. cum. pref. 24s.; Raphael Tuck 5½ p.c. cum. pref. (£5), 82s. 6d., 83s. 9d.; United Newspapers 7½ p.c. cum. pref. 13s. 6d.; Waterlow and Sons def. 31s. 7½d., prefd. 21s. 4 p.c. pref. (cum.) 15s.; Weldons prefd. ord. (10 p.c. cum.) 13s., 6 p.c. cum. pref. 11s. 3d.; Wyman and Sons 53s., 7 p.c. cum. pref. 20s. 9d.

Dividends and Reports

LIVERPOOL DAILY POST AND ECHO, LTD.—Net profits for 1929 amounted to £263,716, against £270,720 for 1928. No change is made in the dividend for the year on the ordinary and management shares at 25 per cent., and the general reserve again receives £100,000. This allocation raises the general reserve to £700,000; the issued share capital is £900,000. The carry forward is reduced from £41,958 to £20,674.

CASSELL AND CO. (HOLDINGS).—First report, covering period from incorporation December 19th, 1928, to December 31st, 1929, states that dividend (free of tax) for year ended April 30th, 1930, was received from Cassell and Co. amounting to £11,750. Adding transfer fees and deducting management and general expenses, including directors' fees, leaves £11,522. First dividend on 7½ per cent. cum. pref. shares absorbed £511, dividend on ordinary at 8½ per cent. (free of tax) £100,888, forward £123. A further dividend of £11,000 (free of tax) has been received from Cassell and Co., and it is recommended that it be used in payment of half-yearly dividend on 7½ per cent. preference shares due January 31st, and dividend to ordinary holders of 6½ per cent. (free of tax), leaving to be carried forward £345.

New Companies

THOMAS BARTLETT, LTD.—Capital £30,000 in £1 shares; to acquire the business of a billposter and advertising agent now carried on by J. H. McArdle at 1-4, Forth-lane, Newcastle-on-Tyne, and elsewhere, as "Thomas Bartlett," and to adopt an agreement with J. H. McArdle and David Allen and Sons Billposting, Ltd. Private company. Directors: J. H. McArdle, G. R. H. D. Allen, W. E. D. Allen, M.P., Capt. M. W. A. P. Graham, M.C., Brig.-Gen.

H. C. Surtees, C.B., C.M.G., D.S.O., M.V.O., D.L., J.P. Registered office: Allen House 23, Buckingham gate, S.W. 1.

JOHNSTON, HORSBURGH AND CO., LTD.—Capital £20,000 in 15,000 6½ per cent. preference and 5,000 ordinary shares of £1 each; to acquire the business formerly carried on by the late W. W. Horsburgh, J. W. S. Johnston and R. Johnston as "Johnston, Horsburgh and Co.," at 20 and 21, Queenhithe, E.C., and to carry on the business of paper merchants, papermakers' agents, and paper manufacturers, etc. Private company. Directors: J. W. S. Johnston and R. Johnston. Solicitors: Walbrook and Hosken, 4, St. Paul's-churchyard, E.C.

SAUNDERS ENGINEERING CO., LTD.—Capital £5,250 in 5,000 7 per cent. non-cumulative preference shares of £1 each and 5,000 ordinary shares of 1s.; to acquire the business of mechanical and electrical engineers and printers' and boxmakers' engineers now carried on by F. A. Saunders and Co., Ltd., at 5, Lavington street, S.E. 1, and by George Monaghan at 41, Norfolk square, W.2. Private company. Directors: F. A. Saunders and G. Monaghan. Registered office: 5, Lavington-street, S.E. 1.

LONGFORD PRINTING AND PUBLISHING CO. (1930), LTD.—Capital £1,000 in £1 shares; to acquire, print and publish newspapers, journals, magazines and books, etc. Private company. Subscribers: M. A. Farrell and A. M. Farrell.

ALBERT LERMAN, LTD.—Capital £1,000 in £1 shares; box manufacturers, printers, stationers, publishers, bookbinders, paper and cardboard makers, etc. Private company. Subscribers: W. Manning and L. V. Laming. Registered office: 138, Lever-street, Finsbury, E.C.2.

ARCADIA PRINTING CO., LTD.—Capital £500 in £1 shares; printers, stationers and dealers in fancy goods, etc. Private company. Directors: G. F. Butler and W. T. Flower. Registered office: Arcade Chambers, High-street, Eltham, S.E.9.

EDUCATIONAL AND LEGAL SERVICE CO., LTD.—Capital £2,000 in £1 shares; to adopt an agreement with Elizabeth Horrocks and T. H. Groom; to develop and turn to account the business of the Educational and Legal Service Co. carried on by them at Holborn Hall, Gray's-inn road, W.C. Stationers, printers, etc. Private company. Directors: F. Flested and R. A. W. Charlton. Registered office: Holborn Hall, Gray's-inn-road, W.C.

SIMPLIFIED ACCOUNT BOOK PUBLISHING CO., LTD.—Capital £1,500 in 1,000 10 per cent. participating preference and 500 10 per cent. ordinary shares of £1 each; to acquire from P. H. Bradbury, the English copyrights in a series of simplified account books, and to carry on the business of publishers, etc. Private company. Directors: P. H. Bradbury and Mrs. E. J. Bradbury. Registered office: 18, Longspears-avenue, Cardiff.

COMMERCIAL FLORIST, LTD.—Capital £100, in £1 shares; to produce and publish a weekly newspaper under the title of the *Commercial Florist*. Private company. Directors: A. W. Cox, G. D. Green and Miss Beatrice M. Brown-Dixon. Registered office: Africa House, Kingsway, W.C.2.

Mortgages and Charges.

ASSOCIATED ILIFFE PRESS, LTD. (London).—Satisfaction in full on January 30th, 1930, of land registration charge dated September 13th, and registered September 14th 1926, securing £15,300.

HUTCHINGS AND CROWSLEY, LTD. (printers, stationers, etc., London).—Satisfaction in full on January 16th, 1930, of charge under Land Transfer Act, dated May 15th, and registered May 20th, 1912. (According to the "register of

mortgages" the registered charge originally secured £5,500 and further advances).

SAMUEL TEMPLE AND CO., LTD. (printers, etc., Battersea).—Particulars filed of £2,000 debentures authorised January 31st, 1930, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued.

T. W. POTTAGE AND SON, LTD. (advertising agents, etc., York).—Satisfaction on January 21st, 1930, of debenture in favour of J. E. Thornton dated November 16th, 1910, and registered November 19th, 1910. (According to the "register of mortgages" the registered debenture originally secured £3,000).

RICHARDSON PRINTING INK CO., LTD. (Rowlands Gill, Co. Durham).—Satisfaction to the extent of all moneys secured thereby on November 22nd, 1929, or mortgage in favour of Bank of Liverpool and Martins, Ltd. (now Martins Bank, Ltd.), dated August 4th, and registered August 7th, 1925.

EMBOSS-IT CO., LTD. (manufacturers of show card machines, etc., London).—Particulars filed of £8,000 debenture stock authorised January 21st, and covered by trust deed dated January 27th, 1930, charged on certain patents and the company's undertaking and property, present and future, including uncalled capital, the amount of the present issue being £2,500. Trustees: J. D. Burch and C. J. Logsdon.

R. A. PUBLISHING CO., LTD.—Debenture dated January 25th, 1930, to secure £1,000, charged on land in London and the company's undertaking and property, present and future, including uncalled capital. Holders: Branch Nominees, Ltd. (The above debenture ranks *pari passu* with two existing debentures for £500 each).

J. M. LINDNER, LTD. (rubber stamps and office supplies, etc.).—Land registration charge for £1,000 dated December 30th, 1926, charged on 17, Farringdon Avenue, E.C.4 (being property acquired by the company on January 18th, 1930). Registered pursuant to Section 81 of Companies Act, 1929). Chargee: W. H. Hales, 15, Cliffords Inn, E.C.4. Particulars also filed of £1,200 "A" and 800 "B" debentures authorised January 18th, 1930, charged on the company's property, present and future, including uncalled capital, the whole amounts being now issued.

GLOUCESTER GALLERIES, LTD. (fine art publishers, etc., Bristol).—Issue on January 22nd, 1930, of £500 debentures, part of a series already registered.

NEWS AND BOOKS SUPPLY, LTD.—Land registration charge on plot with shop and house thereon in Station-square, Petts Wood, Chislehurst, dated January 30th, 1930, to secure £1,300 and further advances. Holders: Abbey-road Building Society.

Bankruptcies

Re PANTONE PROCESSES, LTD.—Under the compulsory liquidation of this company, which carried on business at Bank Buildings, 16, St. James-street, S.W., and Alpertown, Mr. E. T. A. Phillips, official receiver, has issued to the creditors and shareholders a summary of the statement of affairs, together with a report upon the company's history and failure. The accounts show total liabilities £34,316, of which £9,221 is expected to rank, against net assets valued at £122,663, after deducting £312 for payment of the preferential claims. There is, consequently, an estimated surplus of £113,441 in assets over liabilities, but a deficiency of £91,277 with regard to contributories, the issued capital of £204,719 consisting of 200,000 1s. ordinary and 194,719 preferred shares of £1 each. The official receiver reports that the winding up order was made on November 25th, 1929, upon the company's own petition. The company was incorporated as a public company on August 24th, 1926, with a nominal capital of £210,000, divided into 200,000 10 per cent. cumulative participating preferred ordinary shares of £1 each, and 200,000 deferred ordinary shares of 1s. each, and was promoted by Arthur Ronald Trist, Gustave John Lemmens and Charles Williamson Milne,

with the object of carrying on business as manufacturers of and dealers in printing blocks and plates, and in particular for the purpose of exploiting a printing process invented by Trist. The failure of the company is attributed by its officials to various causes, which may be briefly summarised as follows: (1) Its inability to sell its products or any part of the rights which it held; (2) its available capital has been largely expended in development and experimental work as distinct from expenditure on the commercial exploitation of a perfected product; (3) that it turned its attention to rotary printing too late, and at a time when its financial resources had been exhausted; (4) its unsuccessful endeavour to develop and convert the printing trade to an entirely revolutionary printing system, instead of concentrating on the application of the Pantone principle to existing trade practices. (5) to interference on the part of the inventor with the commercial side of the business, also to excessive expenditure incurred under his management. It appears that, having regard to the technicalities of the process, the directors had to a large extent to be guided by Trist; (6) to insufficiency of capital available to carry on to a point when it was anticipated the process would have been demonstrated sufficiently to place the business on a commercial and profitable basis. It is clear that the company had, up to the liquidation, failed to establish the process, either flat-bed or rotary, on a commercial basis, but it also appears evident that great interest has been shown in the process. The question of insolvency depends almost entirely upon the realisable value of the patents, which are shown on the statement of affairs as an asset for £102,994 9s. 5d., i.e., cost price. As a result of the statutory meetings of creditors and contributories, held on December 18th, 1929, Harold Edmund Barham, chartered accountant, of College Hill Chambers, Cannon-street, London, E.C.4, and James Kilpatrick, chartered accountant, of 5, London-wall Buildings, London, E.C.2, were appointed joint liquidators of the company with a committee of inspection.

G. WELLS & CO.,
LIMITED,
PRINTERS' & PUBLISHERS'
ESTD. 1840. **BINDERS.** Phone: HOP 8658, 8659.

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BINDING A SPECIALITY

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CATALOGUE COVERS.

42 SOUTHWARK STREET
LONDON, S.E.1.

Australian Notes

Book Duty Protest—Printing Official's Retirement—Unusual Trade Union Case—New Companies—Lamson Paragon Report.

From our Sydney Correspondent.

A RESOLUTION to communicate with other universities in Australia and to arrange a deputation to wait upon the Minister for Customs to protest against the proposed duty on books coming into Australia, has been passed at a meeting of the Melbourne University Council. The proposal is to impose a duty amounting to one penny in every threepence on the purchase price of books entering Australia.

ON retiring from the position of chief reader of the Australian Government Printing Office, Mr. William Fox was presented, on behalf of his fellow officers, with a wallet of notes by Mr. Kent, the Government Printer. Mr. Fox has been 49 years in the Public Service.

AN unusual case came before the Australian Deputy Industrial Commissioner recently, in which Arthur Brown and 22 others called upon the Amalgamated Printing Industry Employees' Union to show cause why a declaration should not be made that they were entitled to admission to membership of the Union. The Deputy Commissioner found that the applicants were persons who by nature of their occupation were of the class of which the respondent union was constituted. They were not of a general bad character, he said, and it appeared to him that by the terms of the Act, as interpreted by the Court, they were entitled to be admitted to membership.

ENTITLED "Ink Industries," a company has been formed in Sydney, with a capital of £1,000 in £10 shares, to acquire and develop the rights to a certain formula for the treatment and manufacture of printing and other inks, etc. The head office is at Sydney.

MELBOURNE company registrations include Standard Linotype Co. Pty., Ltd., which has been formed with a capital of £10,000 in £1 shares to acquire the business of Critchley Parker Pty., Ltd. The registered office is Flinders Lane, Melbourne.

MOVING the adoption of the report and balance-sheet at the annual meeting of Lamson, Paragon, Ltd. (Australia), the chairman of directors (Mr. Colin Templeton) said that the company had maintained a sound financial position, although difficult trading conditions during the year had affected the gross earnings slightly, and had made business more difficult to obtain. That had been noticed more in New South Wales and Queensland. In Brisbane and Perth the company was developing along sound lines, and in Brisbane an extension of operations was being planned.

MR. THOMAS McDougall, the advertising agent (Kingsway Chambers, Kingsway, W.C.2) invites artists, agencies and printers to send him examples of their best work so that posters may be chosen for inclusion in a series of coming poster exhibitions in Germany. From the specimens he receives, a hundred will be selected by a group consisting of prominent poster artists, printers and advertising men.

PREPAID ADVERTISEMENTS

The Minimum Charges for Three Lines, with an average of eight words to the line, for Advertisements under the headings given below are as follows (extra lines at proportionate rates):—

	Three Lines
	s. d.
Agencies'	3 0
Situations Wanted	1 6
Situations Vacant	3 0
Machinery for Sale and Wanted	3 0
Businesses for Sale and Wanted	3 0
Shares for Sale and Wanted ...	3 0
Partnerships and Investments ...	3 0

The following are the rates for Advertisements classified as under:—

	Per Line
	s. d.
Sales by Auction	2 0
Tenders	2 0
Patents for Sale	2 0

Replies may be addressed to Box Numbers. Offices of this journal for which a fee of 6d. is charged to cover postage of replies.

Annual Subscription (post free) 17s. 6d.

Cheques and Post Office Orders to be crossed and made payable to STONHILL & GILLIS, Ltd., 58, Shoe Lane, London, E.C.4

Telegrams: STONHILL, LUD, LONDON Telephone: 2439 HOLBORN

SITUATIONS VACANT

A LEADING Firm of Papermakers require FIRST-CLASS REPRESENTATIVES for London, preferably young, but with definite experience in High Grade Qualities; good opportunity for men with selling ability.—Apply, Box 15429.

SITUATIONS WANTED

THE Printers' Provident Association, 21, Charterhouse-street, Holborn-circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades, at short notice. No charge. 'Phone, Holborn 0527. 14695

MISCELLANEOUS

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DURING the Royal visit to the British Industries Fair on Tuesday the Queen and Princess Mary were attracted by the machines on the stand of the Lanston Monotype Corporation, and a copy of a notice composed on the stand was presented to Her Majesty.

A RECEIVING order under the Bankruptcy Acts has been made in respect of W. Kelly, residing at 73, Darwin-street, Walworth, S.E.17, and carrying on business at Dean-street, Fetter-lane, E.C.4, and at 16A, Wadding street, Walworth, S.E.17, printers' engineer and furnisher; also in respect of C. C. Dains, of and lately carrying on business at Chapel-lane, Kingston-upon-Hull, printer.

MR. J. R. RIDDELL, principal of the London School of Printing, gave an interesting account of his recent visit to the United States and Canada to a large gathering of friends and members at a luncheon of the Livery Committee of the Stationers' Company at Stationers' Hall on Tuesday. Those present included Mr. W. Maxwell (president of the Federation of Master Printers) and Mr. G. H. Gater.

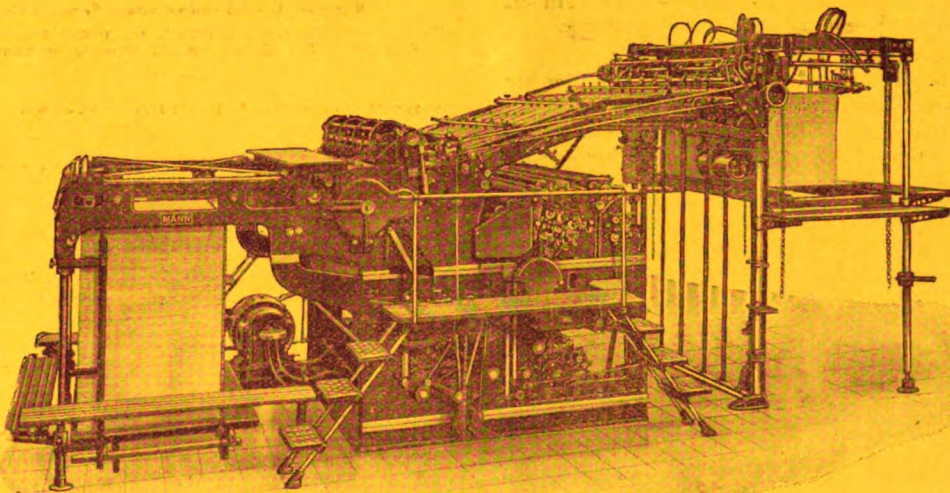


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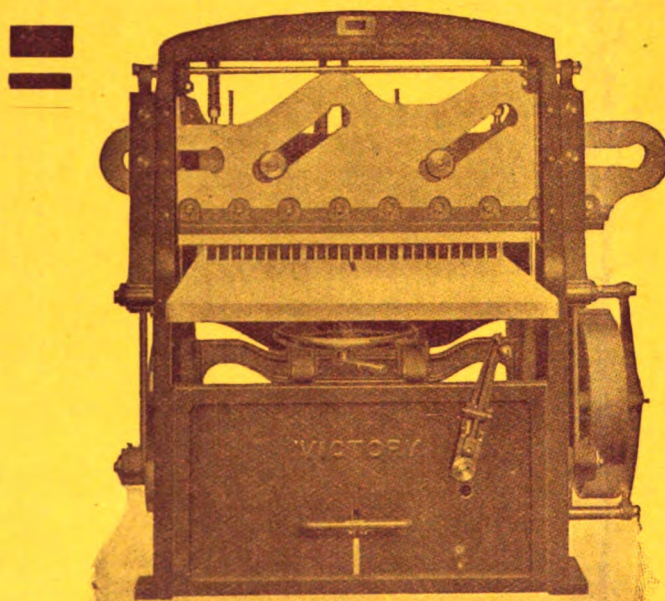
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FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 70

LONDON: FEBRUARY 27, 1930

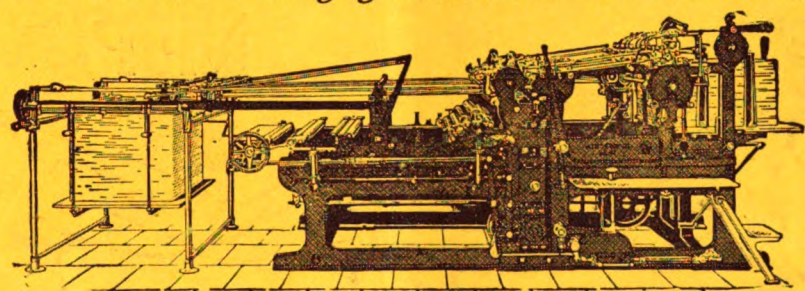
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A large variety
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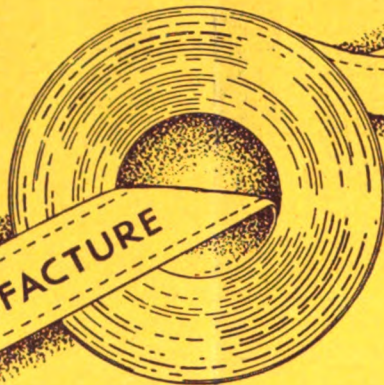
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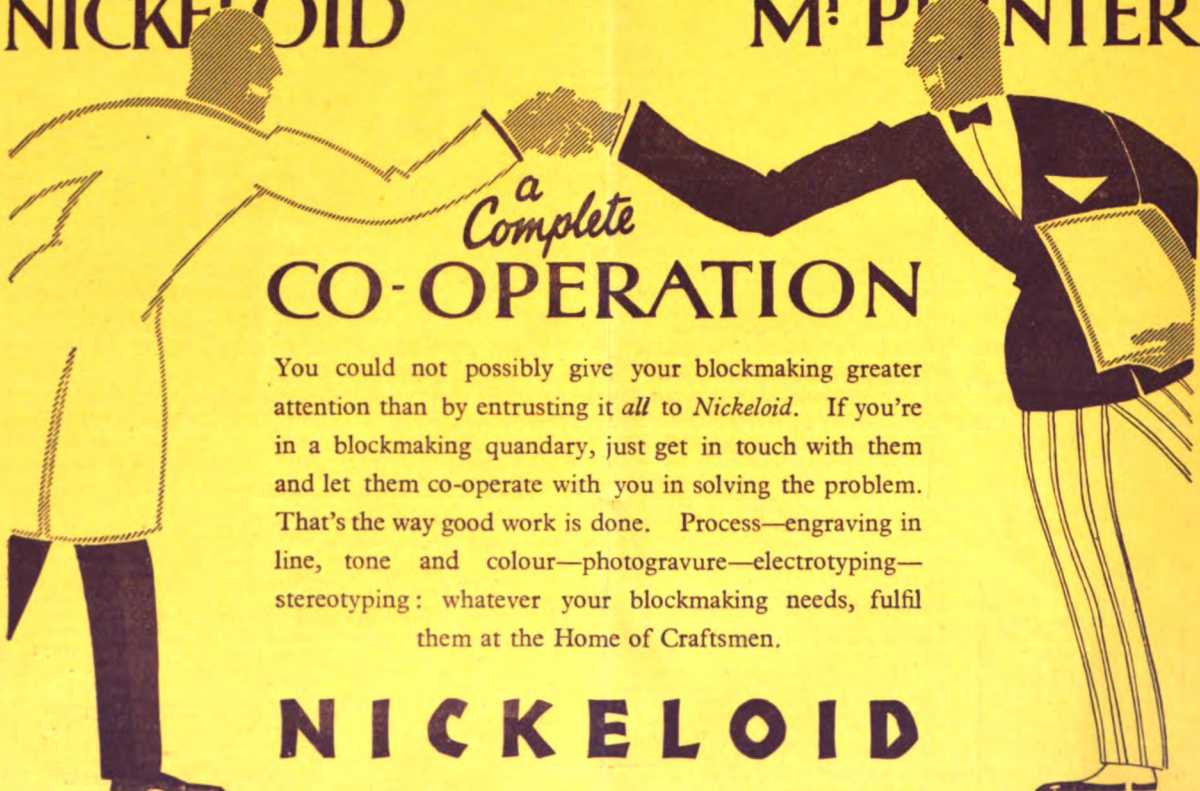
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The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 70

LONDON: FEBRUARY 27, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print Today

DEPRECIATION of machinery, plant and equipment is a fact that bears upon the printer from two aspects, first as affecting income-tax and the balance-sheet, and secondly in its relation to cost of production. The written-down value of the assets constituting the plant, which may admirably suit the needs of the yearly financial statement, might not provide an efficient basis for depreciation as a means of recovering the cost of plant purchase. The purpose of the depreciation allowance by the Tax Commissioners is to enable a fair and equitable assessment of income-tax to be made, having due regard to the diminution of value effected by the ordinary wear-and-tear of the plant. The lower the written-down value of the plant, the sounder the balance-sheet.

GENERAL practice is to run down plant value to the lowest ebb for balance-sheet purposes. From the cost-finding point of view such values are totally inadequate, inasmuch as their acceptance as a basis of the charge for depreciation expense would result in erroneous hourly rates and a gain to the customers at the expense of the printer. The cost of plant must be recovered on the work produced; and to ensure the full amount being secured against the time when the old plant must be replaced by new, steps must be taken to ascertain the value of the plant and to compute an adequate rate of depreciation.

HERE we may appropriately reply to an inquiry

on the subject of Monotype costing. The fact that machine-set matter is corrected and made-up by hand compositors has undoubtedly some bearing on the price of composition. Under normal conditions, with the two departments separated for cost-finding purposes, hand work would be recorded in the hand-setting department and charged out at the hourly rate of hand composition. It is obvious that under certain conditions the hourly cost of hand composition could be considerably reduced by the handling of machine-set matter. Assume the case of a house performing a large amount of magazine or report work, the hand-work being executed in the jobbing department. Plainly there would be a larger number of chargeable hours recorded owing to the absence of distribution.

Under such conditions jobbing customers would take the advantage of a lower charge brought about at the expense of the magazines. The result would be unfair competition against jobbing printers possessing no mechanical typesetting machines.

WITH correct cost-finding methods, the magazine work would be run as a separate department from jobbing and all the advantage derived from a costly typesetting installation would go to the magazine side for which it was installed. A difficulty met with in the case of the Monotype is that two separate machines must be taken into consideration, viz., keyboard and caster. The Federation system originally suggested an

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hourly or 1,000-en rate for the keyboard, this rate covering the cost of casting. On straightforward work the plan was simple, and worked out approximately correct. Separate rates for keyboard and caster became necessary in the case of complicated work, as, for example, foreign languages, oriental type and particularly when rolls in store are to be cast only (by arrangement with customers). In the case of a uniform rate covering both machines, the accuracy of the Value of Production is upset in instances such as the above, and also in the event of keyboard work being performed against far forward requirements in casting. The most accurate and practical method is undoubtedly to determine separate hourly rates for keying and casting, and also to fix standard hourly rates for hand-work on mechanically-set matter. As a matter of fact, this is common practice now in nearly all establishments where the Costing System has been installed.

* * *

EVERY estimating clerk should be equipped with the ready means for accurate and rapid calculations of the many and varied factors which are present in every estimate. A modern mental-labour-saving equipment would comprise: 1—Mortimer's reference book; 2—Complete ready reckoner; 3—Paper mill and watermark directory; 4—Leunig's paper scale; 5—Calculating slide-rule for equivalents, etc.; 6—Gauge micrometer (for board-thicknesses); 7—Paper sample cabinets; 8—"Estimating for Printers" (official handbook); 9—Pocket reference book of current prices of materials, etc.; 10—Type scale and measure. Outlay on such equipment should be regarded not as expenditure but as highly profitable investment.

Personalia

PRINCE GEORGE will be among the guests at the annual festival of the National Advertising Benevolent Society, to be presided over by Sir Gomer Berry at the Connaught Rooms on March 28th. His Royal Highness will propose the toast of the society.

OTHERS who have promised to attend include the Lord Mayor and Lady Mayoress (Sir William and Lady Waterlow) and the Sheriffs of the City, Viscount Astor, Lord Ashfield, Lord Camrose, Lord Wakefield, Sir Ernest Benn, and Sir Frank Newnes.

LORD BEAVERBROOK, it is stated, has under consideration plans for the establishment of a new evening newspaper in Manchester.

MR. E. G. ARNOLD, LL.D., is spending a holiday visiting the West Indies. He is proceeding through the Panama Canal, and will not be back for a few weeks.

MR. AND MRS. W. H. CAPEL, of 218, Stone Street, Newcastle-upon-Tyne, have just celebrated their diamond wedding. Both were born 82 years ago, and were married at Sunderland, where Mr. Capel was then employed as a compositor on a local weekly.

REMOVING to Newcastle 50 years ago, Mr. Capel joined the compositors' department of the *Newcastle Evening Chronicle*, and has been a member of the Typographical Association since 1874.

MR. WALTER SCOTT, chief proof reader at the *Newcastle Daily Journal*, has just retired. In his 81st year, he has been in the employ of the *Journal* for 58 years, and is still hale and hearty.

Inveresk Paper Company

Mr. Harrison Criticised

The new chairman of the Inveresk Paper Company, Ltd., Mr. B. H. Binder, has issued a report to the shareholders of the company informing them of the present situation and its causes instead of waiting to review the position at the general meeting on March 4th.

"The present position," says Mr. Binder, "is largely due to the policy of indiscriminate expansion initiated by Mr. William Harrison, the ex-chairman of the company, and loose business methods on his part."

Mr. Binder, who became chairman in December last, when Mr. Harrison resigned, now reveals that Mr. Harrison's resignation from the chairmanship was insisted upon by the other directors, following a collective letter protesting against his exercise of exceptional executive functions.

The statement continues: "He declines to resign from the board and it therefore remains for the shareholders to decide at the general meeting whether it is not inimical to the company's interests for him to continue as director."

The net profit for the year amounted to £181,784—a decline of £135,657.

Mr. Harrison Answers Critics

In a long circular issued on Tuesday evening, Mr. William Harrison, late chairman of the Inveresk Paper group of companies, replies to criticisms. He denies that the group's expansion has been indiscriminate, and says that, with a single exception, "there is no purchase of an established business which the directors undertook which cannot be justified by results. I court the fullest inquiry into every one of the purchases made." He adds: "I submit that it is very unjust, when a world-wide crisis has arisen through circumstances beyond our control, that an attempt should be made to saddle me with responsibility of which I had only a share along with a board of many colleagues." He also makes detailed suggestions about the future of the company.

INVERESK PAPER CO.—Mr. Sidney Lamert announces that he has resigned from the advisory committee and from the First Preference Shareholders' Committee. Mr. James Davenport announces that he resigned from the First Preference Shareholders' Committee on January 15th last.

THE week-end conference of the Young Master Printers of the Midland Alliance to be held at Buxton this week-end promises to be well attended. Mr. A. E. Owen-Jones, Mr. Bertram Evans and Mr. Todd, of Birmingham University, are speaking on technical subjects, and there is to be a special visit to the Altrincham works of Linotype and Machinery, Ltd., which no doubt will greatly appeal to the young master printers.

AT the Printers' Managers and Overseers Association meeting at the "Old Bell," Holborn, on Tuesday, March 4th, a chat on "My Sixty Years of Print," at 7.30 p.m., will be given by Mr. W. H. Burchell, the founder and first hon. sec. of the Association.

THE **LM** TWO-COLOUR LETTERPRESS MACHINE

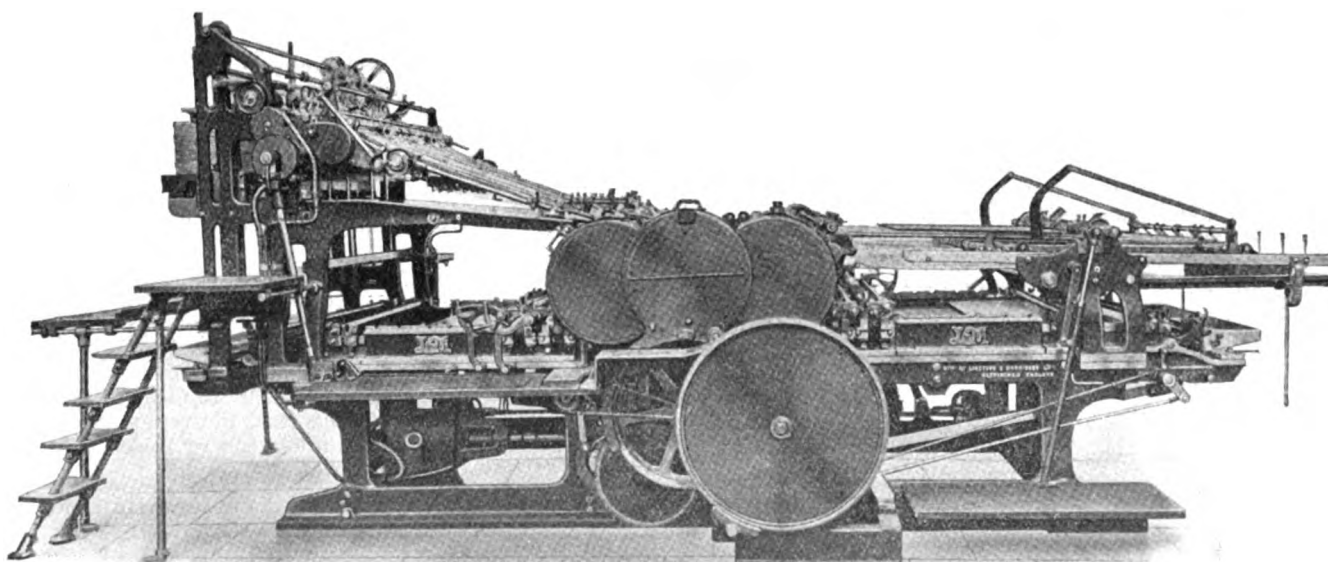
THIS complete printing unit is helping an ever-increasing band of progressive letterpress houses to extend the capacity of their press rooms and at the same time to produce finer printing at lower cost

FOLDER No. 1080 TELLS YOU ABOUT IT

Linotype & Machinery Limited

Head Office : 9 Kingsway, London, W.C.2

Works : Altrincham, Cheshire



Postal Reform

The J.I.C. Deputation

A deputation from the Joint Industrial Council of the Printing and Allied Trades waited on the Postmaster-General (Mr. Lees Smith) on Thursday last to urge the restoration of the Penny Post and other postal reforms. The deputation consisted of the Rt. Hon. C. W. Bowerman, M.P., Mr. T. E. Naylor, J.P., M.P., Mr. E. H. Lee (chairman of the J.I.C.), Mr. William Maxwell (president of the Federation of Master Printers), Lt.-Col. H. Rivers Fletcher, Mr. E. H. Dennis, Mr. T. G. Newland, Mr. F. H. Bissett and Messrs. A. E. Goodwin and A. E. Holmes (J.I.C. joint secretaries).

Mr. Bowerman introduced the deputation, and said the postal reforms they wished to advocate would benefit every section of the community and would particularly help trade and commerce.

Lt.-Col. H. Rivers Fletcher presented the main case, and said that the autographed letter which the Chancellor of the Exchequer had issued that week indicated that he was anxious to assist in the development of British trade. The Government could undoubtedly do more through the Post Office than through any other channel to directly assist the selling of British goods, thus leading to the manufacture of more products for the home and foreign markets and doing a great deal to lessen unemployment. It could not be said that the restoration of the penny post would involve any loss, because a handsome surplus had been made last year. Col. Fletcher also referred to the printed matter rate, pointing out that this could not be treated separately, as it helped the postal revenue by the sale of postal orders, etc. He urged that the sample post, which was unnecessary when the letter rate was 1d. for 4 ozs., should be restored, as it was manifestly unfair that our industrial competitors in Germany, France and America should be able to distribute their samples in England at a lower rate than British manufacturers could do.

Mr. E. H. Dennis presented some illuminating figures showing an increase in the cost of producing picture postcards in the limited quantity now demanded and the relative high cost of the postage compared with that of the cards. He showed that considerable sums were being lost by these high rates. He also referred to the extensive advertising of Continental holiday resorts, and pointed out that a lower postal rate would be of material assistance to the health resorts of Great Britain.

Mr. A. E. Goodwin submitted a number of cases of curious anomalies in the working of the printed matter rate, and particularly stressed the difficulties of the paper and printing trades owing to no sample post being in existence, and the difficulty of the paper trade in calling attention to the quality of their products. He produced some American examples of trade papers in which specimens of various papers appeared which would not be allowed in English trade magazines. Mr. Goodwin also produced letters from several mail order houses, from a firm of paint manufacturers and others, stating that they would increase their mail advertising very considerably if these irksome restrictions were removed.

The Postmaster-General was greatly interested in the specimens shown him, and undertook to give the question of the penny post sympathetic consideration. The final word, of course, rested with the Government as a

whole. The numerous anomalies referred to would, he said, be further inquired into. The suggestion that British traders were treated unfairly by the working of the international sample post arrangements would certainly be looked into, but it was to be remembered that this was a reciprocal arrangement, and our manufacturers had the opportunity of sending their samples abroad, although there was now no inland sample post available.

Trade Notes

A MEETING of shareholders of Anglo-Foreign Newspapers has been fixed for to-morrow (Friday) at Winchester House, for the purpose of hearing a statement from the chairman on the affairs of the company.

THE Buff Book Company, Ltd., of London, secured an injunction against the Commercial Buff Book Telephone Directories, Ltd., of Southampton, restraining them from carrying on business under their present name or any other name similar to that of the plaintiff company.

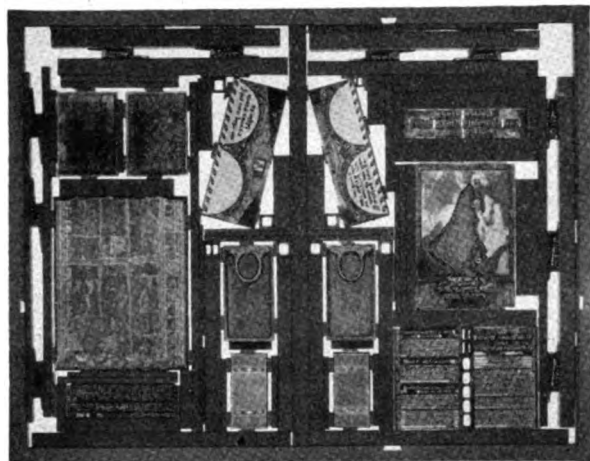
WE regret to record the death, last week, of Mr. Charles Passmore, a director of Messrs. Venables, Tyler, Ltd., the old-established firm of wholesale stationers.

THE annual meeting of the Amalgamated Typefounders' Trade Society takes place at Shoreditch to-day (Thursday) when the items on the agenda include the election of officers and the question of the foundation of a superannuation fund.

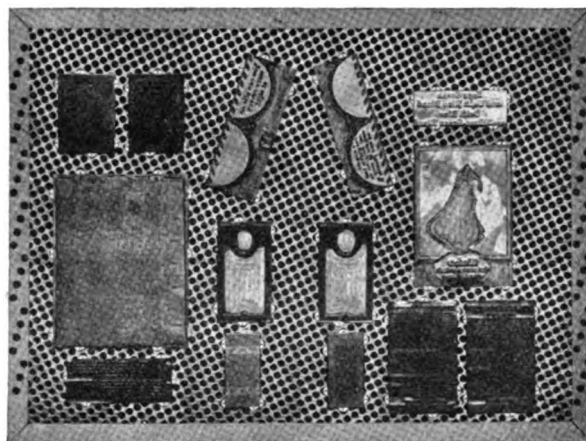
NEWSPAPER PRESS FUND.—The past year, it was reported at the annual meeting of the Newspaper Press Fund, held on Saturday, had seen the number of pensions larger than ever before, and fortunately the liberality of members and donors had been proportionately high. The sum contributed at the last festival at which Major Astor presided, was the largest in the history of the Fund. This year they would have the presence of the Duke of York in the chair at the annual festival on May 7th. Lord Rothermere was re-elected president of the fund and Sir James Barrie was elected a vice-president.

GERMAN BOOK-PRINTING.—An insight into German book-printing styles is readily obtainable just now by a visit to the showroom of the well-known London booksellers, Messrs. Bumpus, of Oxford Street. Here an exhibition has been staged of the books produced by the Insel-Verlag, of Leipzig, and very interesting and instructive is the collection shown, ranging as it does from magnificent de luxe productions right down to cheap commercial editions. Students of title-pages, text-pages, bindings, etc., will find much to take note of, and lovers of incunabula will rejoice to see, amongst other items, very fine facsimile reproductions of the Codex Manesse and the Gutenberg Bible.

STATIONERY FOR EGYPT.—His Majesty's Consul-General at Alexandria reports that the Egyptian Delta Light Railways, Ltd., is calling for tenders, to be presented in Alexandria by March 15th, for the supply of stationery for the year 1930-1931. Firms desirous of offering stationery of British manufacture can obtain further particulars of this call for tenders upon application to the Department of Overseas Trade, 35, Old Queen Street, London, S.W.1. Reference number B.X.6187, should be quoted.



The OLD Method



The MODERN Method

of

Locking up and Registering Formes

STUDY these picture comparisons of the *modern method* for handling plate printing jobs *versus the old way*. These illustrations will show you how to simplify and speed up the locking up and registering of plates.

A few years ago a metal base system was an added facility in a few exclusive shops. Now, this same equipment is a necessity in most plants. To-day an efficient shop cannot afford to spend valuable time trying to twist and turn plates into register with formes made up of a multitude of parts. Competition demands your using a modern plate mounting method like the

Sterling Toggle Hook & Base System

Write for complete particulars.

British Agents :

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London Monotype Users' Association

Monotype Flexibility—An Influx of Members

Prior to the annual meeting of the London and District Monotype Users' Association—held on Monday, at the Holborn Restaurant—those attending were entertained to lunch by the Lanston Monotype Corporation, Mr. W. I. Burch (managing director) occupying the chair.

At the conclusion of the lunch, Mr. G. P. Reveirs, the chairman of the Association, thanked the Corporation for its hospitality.

Mr. Burch, in reply, expressed his pleasure at meeting the gathering, and said that the occasion was unique in that they had with them a printer who had recently been honoured by the King. He referred to Sir Alfred Tyler. In congratulating Sir Alfred, he hoped that he and Lady Tyler would live long to enjoy the honours which had come their way.

Sir Alfred Tyler, in thanking Mr. Burch for his kind remarks, said that he had been in the printing trade for forty years. The last occasion on which he was present at one of their meetings, his old friend, Sir Alfred Blades, was present, to whom he (Sir Alfred) was apprenticed.

PRESENTATION TO MR. GOODWIN

Mr. Reveirs said that at the last meeting a suggestion was made that the services of Mr. A. E. Goodwin, the hon. secretary, should be recognised, and the matter was left in the hands of a committee. Mr. Goodwin, with his usual unselfishness, could not be induced to accept a gift for himself, and said that he wished the Association to present a gift of Mrs. Goodwin's choice. Mrs. Goodwin felt that he would like to have something that could be used by the family in the home, and they had, therefore, much pleasure in asking him to accept a wireless set.

Mr. Goodwin, expressing his thanks, said that he had been placed in many embarrassing positions, which included an occasion upon which he was faced by a lion on the stairs of a waxwork and menagerie show and had to take refuge until the beast was secured. He was not sure, that, in presenting him with a wireless set, they were not taking part in a scheme to keep him home at nights, since he had been ordered to spend as much time at home as possible. He was extremely grateful to them for their kindness and when the wireless set was used he would always think of the Monotype Users' Association.

Mr. Reveirs then occupied the chair for the formal meeting which followed, and moved the adoption of the committee's report enumerating many of the services the Association had rendered to its members.

TRANSFER OF OPERATORS

The report of the committee mentioned that representatives had been in conference with the Typographical Association, discussing with them proposals for a suggested agreement relating to caster attendants; this matter, of course, only affected provincial members, but was a matter of considerable importance to Monotype users throughout the country.

For some time past the committee had been repeatedly informed of printers in the London area who were anxious to install a Monotype keyboard and caster, but were afraid to do so by the natural fear of being unable to keep the keyboard operator fully employed. At the same time some of their members

would like to install a second machine, but were deterred from doing so for the same reason. The committee therefore took the matter up with the secretary of the London Society of Compositors, and, as a result, the chairman, secretary and other members of the committee asked for a friendly informal discussion with a small committee of the L.S.C. They deemed the matter of sufficient importance to bring their full committee to the conference. It was fully explained to the other side that the object of the meeting was to thrash the matter out without committing them to anything, or asking for a decision, but to prepare the way for a discussion of the subject with the Labour Committee of the L.M.P.A., through whom all agreements in the London area are made.

The Monotype Users' chairman explained that what he asked for was the common practice in the area governed by the T.A., and that consequently London was at a great disadvantage in competing against provincial printers. He suggested that in a one-machine installation the L.S.C. should consent to the transfer of a keyboard operator from machine to case and *vice versa*, as and when necessary. He also asked for the same privilege in regard to the second operator in a two-machine installation.

The matter was thoroughly and sympathetically discussed, and after a consultation with the L.M.P.A. Labour Committee, the suggestions were somewhat amplified, and subsequently recommendations were made to the quarterly delegate meeting of the L.S.C., but were turned down by a small majority. The question will come up again for consideration at the next meeting between the L.S.C. and the Labour Committee of the L.M.P.A.

The report also stated that meetings of Monotype Users throughout the country had been remarkable for the interest and enthusiasm shown, and there was certainly a keen desire to train more efficient operators and to study the best conditions under which the machine could work.

Mr. F. W. Cheyney seconded the motion for adoption, and Mr. Stembridge, in supporting, referred to the negotiations with the Typographical Association regarding the caster attendants and said that it was hoped to reach an agreement very soon. The report was unanimously adopted.

In the absence of Mr. D. G. Milne, the hon. treasurer, a highly satisfactory statement of accounts was presented by Mr. Goodwin, and upon the motion of Mr. Cole, seconded by Mr. Hudson, the statement was adopted.

Mr. A. Spring proposed the re-election of Mr. Reveirs as chairman, remarking that Mr. Reveirs had been chairman since the inception of the Association and he was quite sure that they could not find a better occupant. Mr. F. W. Cheyney seconded and the election was unanimously agreed to.

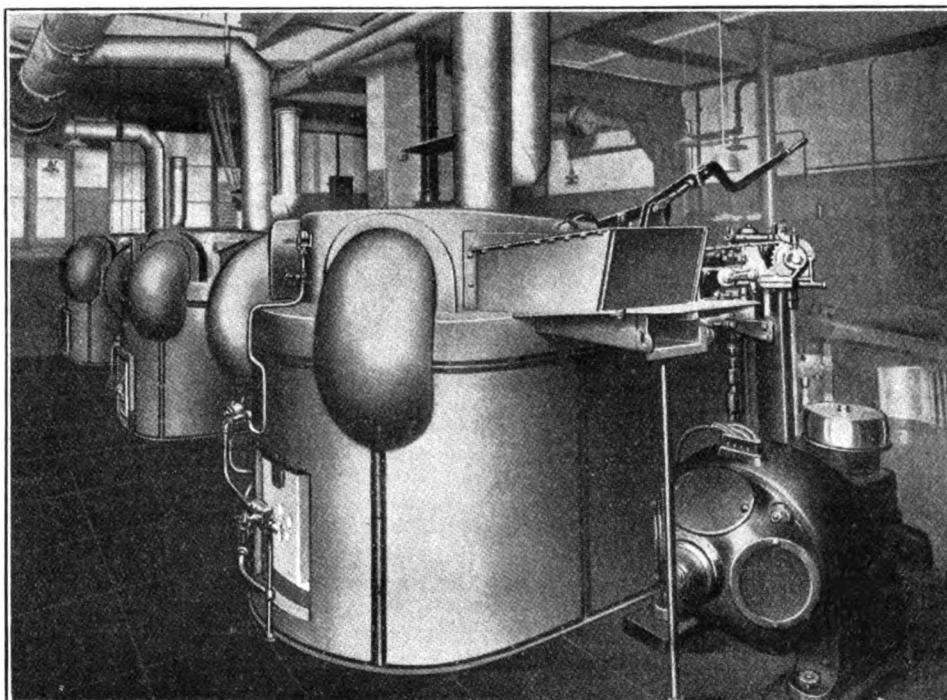
Mr. R. B. Simnett proposed the re-election of the vice-chairmen, Mr. H. Basil Cahusac, Mr. F. W. Cheyney and Mr. A. Spring. Mr. Upton seconded and the re-election was carried.

Owing to the regretted resignation of the treasurer, Mr. E. G. Cole was unanimously elected to occupy this office.

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CHESTERFIELD

Mr. W. J. Mizen was elected as auditor, and the meeting approved the re-election of the committee: Messrs. G. H. Limbrey, L. B. Mackay, G. Phillips, R. B. Simnett, Lieut-Col. R. F. Truscott and G. S. Unwin.

It was agreed that the maximum subscription to the Association be five guineas.

BENEFITS OF ASSOCIATION

Mr. Goodwin said that they had just heard that the maximum subscription to the Association had been fixed at five guineas, the rate of subscription being 5s. per caster. In suggesting to non-members that they should join the Association, Mr. Goodwin said these figures would give them a clear indication of their financial liability, which was not a large one, and he would give them some idea of the benefits of membership. A few days ago he was a member of a deputation on the Joint Industrial Council to the Postmaster General, regarding the reinstatement of the penny postage. That morning Mr. Bissett and himself had attended an inquiry at the Board of Trade regarding the marking of imported boxes. If they had seen the imposing array of counsel who were present to argue that the public were not interested in the origin of the boxes, and did not care whether they were made in this country or abroad, he thought they would agree that greater interest should be taken in such proceedings. The public had a right to know. It was only by joining associations that these matters could be gone into. They would, therefore, see the benefits of joining trade associations. The Monotype Users' Association, since its inception, had done most useful work. There were three district associations, South Wales, Northern Counties and Midlands, making four associations in all. Monotype Users would find it useful to attend even one meeting per year to discuss the various problems which arose.

MONOTYPE POSSIBILITIES

Mr. J. A. Stembridge, the chairman of the National Council, said that it was the first time that he had had the pleasure of attending the London meeting and was very pleased to see his old friend, Mr. Reveirs, in the chair. They were fortunate in having in Mr. Reveirs a man who knew all there was to know of the Monotype and its possibilities. Not all printers did; for he read in a trade paper recently the formation of an association of hand printers. He supposed they set by hand, printed by hand, and, to be logical, he supposed they would use types cast by hand presses hand-forged, paper hand-made, manuscript hand-written—and then they would have a handful (laughter). They could not have heard of the Monotype, and if they had they did not know of its wonderful capacity and flexibility. At the same time, no Monotype user would contend that all Monotype production was perfect. As type it might be so, but yet be an offence to all lovers of good typography. They perhaps thought too much of output and not enough of layout. There had been a tendency, since the War, to concentrate on increased production, which was very necessary if they were to maintain their position as the greatest nation in the world, but they must not sacrifice quality for quantity. Quality in their industry did not simply mean the use of the best paper, the finest ink and the newest types—or, should he say, the oldest types reborn. It chiefly depended upon type selection and layout. During the past few years it had been pleasing to note growing interest in typography, not only by printers, but by users of printing, and to-day style in printing had definite selling power, besides being a delight and a joy to its producer. To the Monotype must be given much

credit for this revival. The Lanston Monotype Corporation had given them a wonderful selection of types and, further, had shown them how to use them. He hoped that the Corporation and themselves would benefit by this enterprise.

The following new members were unanimously elected: Messrs. Wymans, Ltd., the Electrical Press, Cooper, McDougall and Robinson, A. Chris. Fowler, A. S. Atkinson, Ltd., the Courier Company, Tunbridge Wells; the City Typesetting Services, Tonbridge Printers, Ltd., Watford Printers, Ltd., and John Waddington, of Stoke Newington.

Mr. Oxley moved a cordial vote of thanks to Mr. Reveirs for the services rendered to the Association, and said that he hoped Mr. Reveirs would occupy that position for many years to come.

Mr. Reveirs' reply brought the meeting to a close.

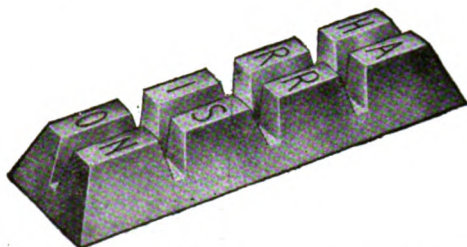
Trade Union Matters

THE Wigan Typographical Society, founded in 1830, celebrated its centenary with a dinner and concert on Saturday night, when representatives from various parts of the country were present, including Mr. H. Skinner (general secretary of the Typographical Association, Manchester), Mr. R. Wall, and Mr. J. Starr (president and secretary of the Wigan Master Printers' Association), and the Mayor of Wigan (Alderman W. Glover). The Mayor said the Wigan Typographical Society was probably one of the oldest trade unions in the country, having been formed only a few years after the passing of the Act which legalised trade unions. Mr. C. E. Robinson, the president of the society, was presented with a gold Typographical Association badge to commemorate his presidency during the centenary year.

MUNICIPAL PRINTER AND BOY READER.—The Sheffield branch Typographical Association secretary has been in communication with the hon. controller of the municipal printing department with reference to a youth who had been introduced into the composing room. The hon. controller had stated that the youth concerned would not do typography, unless reading was considered as such. The branch secretary understood that the youth had been transferred from the education offices, and that he had not previously occupied a position as reader. The executive council of the Typographical Association, after consideration of the correspondence with reference to this case, has decided that the youth was not qualified to become a member, and that he could not be permitted to do the work of a member.

T.A. AND APPRENTICES.—At a recent meeting of the executive council of the Typographical Association, consideration was given to a memorandum received from the Master Printers' Federation on the number of apprentices being trained in the letterpress departments of provincial offices, and the number proposed to meet the increasing use of printing. In forwarding the memorandum Mr. Goodwin had asked the council to suggest early dates for meeting to consider the question. The executive council have referred the memorandum to the apprenticeship sub-committee and it was decided to supply the master printers with copies of the executive council's statement on the apprentice question. It has also been decided that the whole of the branches shall be asked to supply particulars of the number of members unemployed for the month of February.

E. J. HARRISON.
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Points of Law for Printers

Notepaper and the Business Names Registration Act

By a SOLICITOR

Both from the point of view of printing his own firm's notepaper and billheads, etc., and from the point of view of giving his customers proper service, the printer should be acquainted with the provisions of the Registration of Business Names Act of 1916 with regard to the regulations it lays down for the printing of notepaper and billheads of those traders and firms which come within its scope.

BUSINESS UNDER ASSUMED NAME

Section 18 of the Act is the one which deals with the publication of the names of persons carrying on business under some name or style other than their own name, and this section provides that: "after the expiration of three months from the passing of this act, every individual and firm required by this act to be registered shall, in all trade catalogues, trade circulars, showcards and business letters, on or in which the business name appears and which are issued or sent by the individual or firm to any person in any part of H.M. Dominions have mentioned in legible characters: (a) in the case of an individual, his present Christian name or the initials thereof and present surname, any former Christian name or surname, his nationality if not British and if his nationality is not his nationality of origin, his nationality of origin; and (b) in the case of a firm similar particulars must be given of the various members of the firm. And further it is provided that if default is made in compliance with this section, the individual, or, as the case may be, every member of the firm, shall be liable on summary conviction for each offence to a fine of not exceeding £5.

So much for the actual section, which has been quoted practically word for word as set out in the Registration of Business Names Act, let us now consider its provisions more closely and try and gather their full meaning.

WHO MUST BE REGISTERED?

In the first place, who are individuals or firms required to be registered by the Act? Since the greater part of the Act is devoted to explaining who is to be registered, we shall have to consider the matter very generally and illustrate the rules by everyday examples. In the words of the first section to the Act: "Every individual having a place of business in the United Kingdom and carrying on business under a business name which does not consist of his true surname without any addition other than his true Christian names or the initials thereof" must register under the Act, and consequently must comply with the provisions as to the publication of his true names on his notepaper and so on as set out in Section 18. So that *John Brown* carrying on business under the style of *Brown and Co.*, or *Mary Brown* under the style of "*Mary*," must comply with the Act, and it must be pointed out to them when any printing is being done for them that their true names must be disclosed.

By the same section a firm which carries on business under a name which does not consist of the true names of all the partners must also register and so must also comply with the provisions of Section 18. This part of the Act is unfortunately too frequently misunderstood, for it is very wide in its provisions, and if John Brown and Tom Brown (father and son) were carry-

ing on business together as Brown and Son they would come within the Act, and so they would if they were brothers trading as Brown Bros., but by a special provision in the Act they would be allowed to trade as Browns, it being permissible to add the letter "s" to the name without bringing it into the Act. And of course people trading under firm names such as "The Peoples Printing Co." and such like come within the Act as well. So that in taking a printing order for a firm it is nearly always necessary to enquire as to the provisions of Section 18, and, if necessary, explain them.

And, lastly, it is provided that people who have changed their names must register under the Act and so must also publish particulars under Section 18. A woman who has changed her name in consequence of marriage is, however, excepted from this provision, and so too is a natural-born British subject who has changed his name before he is 18 years old.

From the preceding paragraphs it will be seen how wide the scope of the Act is, and how many people have to comply with its provisions as to the publication of their true name or former names, as the case may be.

THE PRINTED MATTER AFFECTED

Continuing our examination of Section 18, the next question to be asked is what are included in "All trade catalogues, trade circulars, show-cards, and business letters." The only term actually defined by the Act itself is show-cards, which means "cards containing or exhibiting articles dealt with or samples or representations thereof"; the other terms it is generally assumed are to be taken as having their ordinary everyday meaning.

The provisions as to what has to be published have been set out practically in full, and I think need no further explanation; nor do the provisions as to the penalty, except to say that proceedings are not instituted except with the consent of the Board of Trade.

And, lastly, although many people seem to think that the Registration of Business Names Act of 1916 is a war measure which has now ceased to function, this is by no means so, and the Act is still in force and there seems to be no likelihood of its being repealed.

PLYMPTON Board of Guardians invites tenders for the supply of printing, etc. Tenders on forms obtainable from the Master have to be returned, addressed to the chairman of the committee, Underwood House, Plympton, Devon, not later than Monday, March 3rd.

A FURTHER example of the work done by students at Birmingham School of Printing (Central School of Arts and Crafts) has just come to hand. This is a well-produced quarto booklet of "Specimens of Linotype Typography, Designed and Set by Students Attending the Linotype Classes." The various book pages, advertisement settings, and items of jobbing printing, here presented, evince such good taste and careful craftsmanship as would do credit to many a reputable printing house. They have the added interest of demonstrating the adaptability of Linotype composition for a variety of high-class work.

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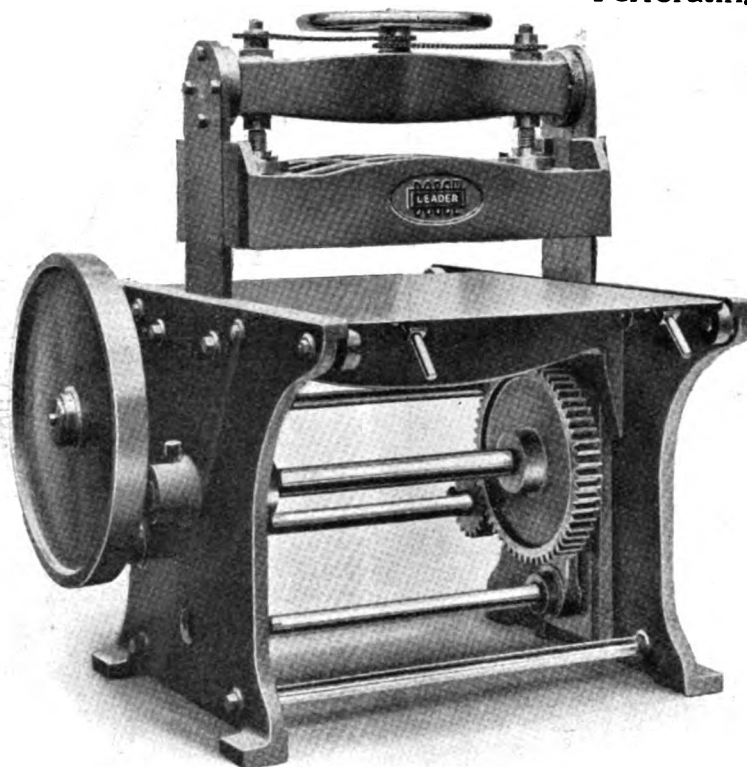
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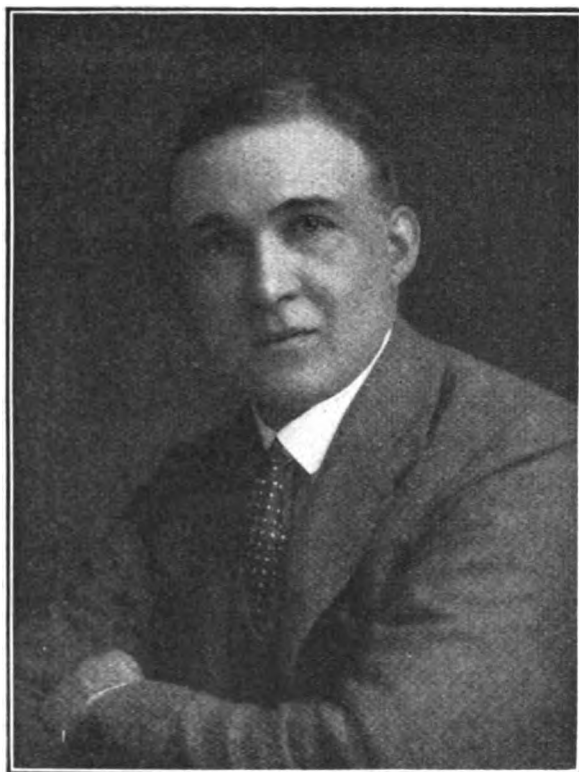
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Who's Who

A Leading Bristol Printer

Mr. Foster G. Robinson, chairman and managing director of E. S. and A. Robinson, Ltd., Bristol, who is this year appeal president of the Commercial Travellers' Benevolent Institution, holds a high position in the printing and allied industries of this country. The activities of his company are large and varied, covering such diverse operations as are under-



MR. FOSTER G. ROBINSON

taken by bag manufacturers, boxmakers, colour printers and manufacturing stationers.

With his brothers, Mr. Foster G. Robinson represents the third generation in the business, which was founded by his grandfather, Elisha Smith Robinson, in 1844. Born in 1880, he was educated at Clifton College and at Exeter College, Oxford, and entered the business in 1901, and was elected to the board of directors of his firm in 1910.

While interested in all the branches of a business which controls 20 factories and paper mills, employing nearly 200 representatives at home and overseas, he has concentrated on the development of the bag making industry, in which his grandfather was a pioneer.

He is chairman of the executive council of the British Paper Bag Federation, and has occupied seats on various trade boards. Indeed, it was partly on his initiative that the sliding scale of wages which benefited the workers in the bag and boxmaking industries was introduced. Recognised as a leading authority on the industry, he stands high in the councils of the printing and allied trades. He is also a director of the Bristol Water Works Co. and the London Assurance

Co. He is keenly interested in the welfare of the employees of his firm and in profit-sharing, in which Messrs. Robinson were pioneers.

He has made many business trips to the United States, and has also travelled in South Africa, where his firm has a large factory.

In spite of the exacting claims of business, he generously gives much time to good works, serving his fellow citizens in many capacities.

He is an enthusiast for cricket, and fond of golf and motoring. His chief hobby, and one at which he excels, is "dry-fly" fishing.

A man of attractive and winning personality, with vision, and wide and generous sympathies, he exemplifies the best expression of the modern spirit in industry; and is as deservedly popular with the employees of his firm as with his fellow citizens.

The accompanying photograph is reproduced by courtesy of "On the Road."

Better Stationery

More Publicity Competitions

The Propaganda Committee representing the Stationery Trades is contemplating further interesting competitions by means of which to educate the public in the use of better stationery. In the first place it is proposed to approach the buyer through the medium of the retail shop, where the prospective user will see the goods. For this purpose two window-dressing competitions are proposed, and the arrangements will be elastic enough to suit the convenience of the retailers. One competition will be held in the period March-May, inclusive; and the other during June-August, inclusive. Any retailer can enter the competitions, provided he gives a display of better stationery for any fortnight which will suit him best during the periods indicated.

Photographs of the displays are to be sent to Mr. B. Claydon, secretary of the Propaganda Committee at 69, Fleet Street, London, and on these the Committee will award substantial prizes.

In addition to these two competitions, the Committee project another National Stationery Display for a set fortnight in September, details of which are to be arranged.

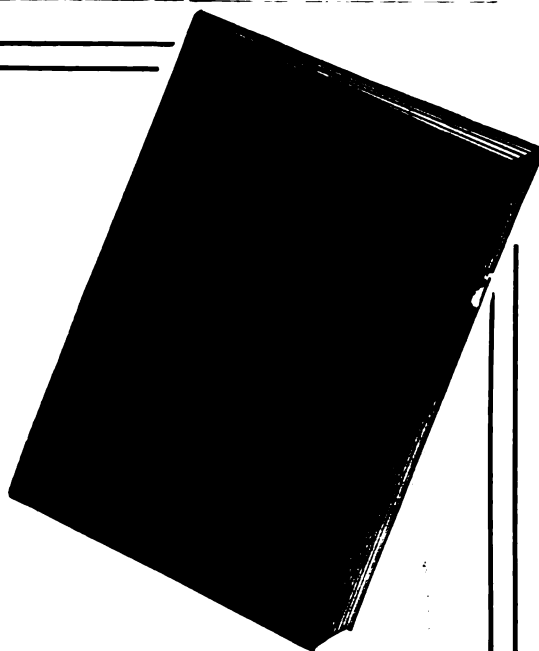
Later on, or possibly in conjunction with the National Stationery Display, there will be a further competition open to the general public. Prizes will be offered, which can be won by anyone, in some form of competition connected with stationery. Full details will be published in due course.

The work of the Propaganda Committee during last year is showing satisfactory results, and there is every prospect of further success in the Better Stationery Campaign of the present year.

TENDERS FOR EGYPT.—The Commercial Secretary to the Residency, Cairo, reports that the Egyptian Ministry of Finance is calling for tenders, to be presented in Cairo by April 28th, 1930, for the supply of paper, printing and binding material required by the Government Press for the manufacture of exercise books. Firms desirous of offering material of British manufacture can obtain further particulars of this call for tenders upon application to the Department of Overseas Trade, 35, Old Queen Street, London, S.W.1. Reference number BX. 6184, should be quoted.

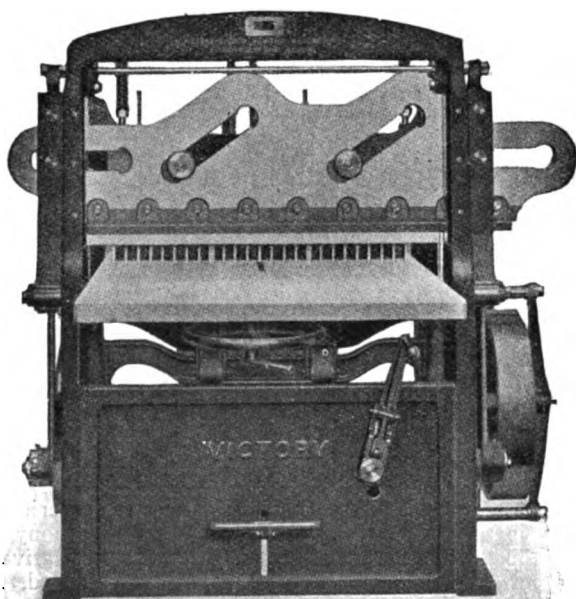
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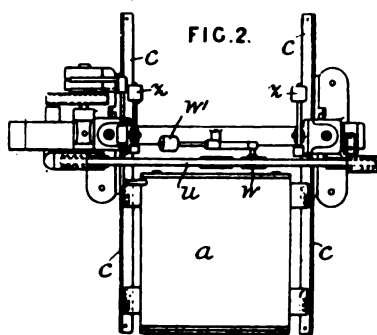
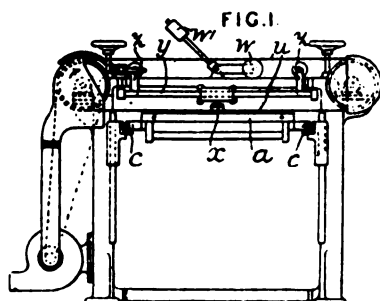
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New Inventions

The following extracts are taken, by permission of the Controller of H.M. Stationery Office, from the Illustrated Official Journal (Patents). Full copies of Published Specifications (1s. each) can be obtained from the Patent Office, 25, Southampton Buildings, London, W.C.2

OVERLAYING AND MAKING READY

In this invention make-ready sheets for printing-presses are prepared by placing the sheets, bearing an impression of the forme, upon a displaceable support arranged at a slight distance below a grinding belt, and manually depressing the belt to grind off the surface

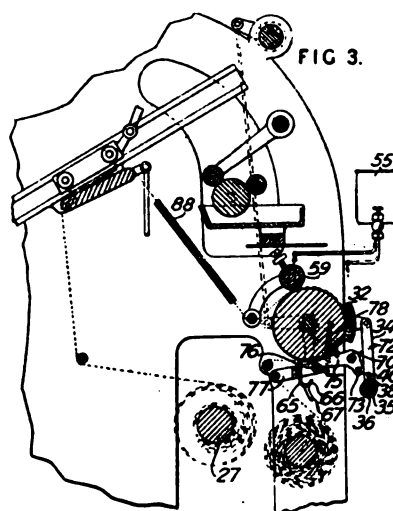


of the sheets where desired. The sheets are clamped upon a table *a* movable by hand upon rails *c* to bring any portion of the sheet beneath a continuously driven emery belt *u* spaced slightly above the table *a* and kept in tension by a roller *w* pressed upwards by a weighted *x*. The lower run of the belt is pressed upon the sheet at any point by hand either directly or by means of a pad *x* slidable on a rod *y* carried by weighted levers *z* pivoted on the machine frame. The inventors are the Hofbuchdruckerei Von C. Dunnhaupt Ges.—309,535.

INKING ON INTAGLIO MACHINES

The Peek Engineering Co. has patented an invention whereby ink is removed from the wiping-strip of an intaglio printing-machine by means of a pad of absorbent material held in contact with the strip as it passes over a roller. The pad 32, Fig. 3, supplied with an ink-solvent from a container 55, is carried by a pair of arms 34 loose upon a sleeve 35 and is pressed against the wiping-strip as it passes round the feed drum 27, by a spring 38 anchored to the sleeve and engaging a cross rod 40 between the arms 34. The sleeve 35 is reciprocated upon a shaft 36 by a crank and connecting rod receiving motion from a suitable part of the press. A roller 59 provided with ink-solvent from the container 55 may engage the strip in advance of the pad to effect a preliminary softening of the ink. Solvent and ink particles remaining on the strip as it leaves the pad 32 may be removed by a scraper 65 provided with a trough 66 leading by a pipe 67 to a

container. This scraper is carried by pivoted arms 77 and is normally pressed against the strip by a spring 78. To facilitate threading of a wiping-strip through the machine, a pair of bell-crank levers 75 are provided on a shaft 70 provided with an operating handle 72. The forward ends of the levers 75 lie above a rod 76 connecting the arms 77 and a rod 73 connecting the rear ends of the levers lies adjacent the arms 34



carrying the pad 32. By turning the shaft 70, the scraper 65 and pad 32 can be moved clear of the drum 27. Adjustable side guides 88 guide the strip to the drum 27 and prevent lateral movement of the strip as the pad 32 reciprocates.—308,070.

INK FOR INTAGLIO PRINTING

Under an invention by the I.G. Farbenindustrie Akt.-Ges., ink for use in intaglio printing is prepared by incorporating finely-divided or dissolved colouring-material with a solution in a volatile organic solvent of a resinous substance obtained from urea or urea derivatives and aldehydes, preferably formaldehyde, from organic vinyl esters, or from dibasic organic acids and polyhydric alcohols. The solvents preferably possess slight smell and are relatively incombustible, examples being aliphatic alcohols containing less than six carbon atoms, glycol monoalkyl ethers, ketones, esters, or hydro-carbons of the benzene series. Other materials, such as coumarone resin, colophony, and the like, oleaginous materials, cellulose derivatives, or a water-soluble solvent and water, can be added. According to examples, lampblack and the calcium salt of the azo dyestuff of aniline and 2-6-naphthol sulphonic acid are ground into a solution of the condensation product of urea and formaldehyde in a mixture of isobutyl and ethyl alcohols; lampblack and dye are incorporated in a solution of polymerized vinyl acetate in cyclohexanone, ethyl acetate and ethyl alcohol; and lampblack and the azo dyestuff of α -naphthylamine-1-sulphonic acid and *B*-naphthol are mixed with a solution in ethyl alcohol and glycol monoethyl ether of the resin obtained from phthalic acid and glycerol.—307,877.

New British Patents

APPLICATIONS

- Allgemeine Elektrizitäts-Ges. Apparatus for printing, etc., tickets. 5,165, 5,166.
 Dickinson and Co., Ltd., J. Envelopes, etc. 4,778.
 Hoe and Co., Ltd., R. Web controlling, etc., mechanisms for printing machines. 4,775.
 Molins, W. E. Cartons for cigarettes, etc. 4,731.
 Moren, W. G. Wills-, and Seal, J. J. Cigarette cartons. 4,688.
 Page, J. E. Paperboard boxes. 4,630.
 Power, G. P. Gummed tape for sealing parcels, etc. 5,058.
 Rushton, W. C. Device for positioning papers in loose-leaf binders, etc. 4,840.
 Shaw, A. V. and Shaw, W. E. Paper-ruling, etc., machines. 5,077.
 Spencer and Cook, Ltd., and Cook, T. Machines for cutting folded sheets of paper, etc. 4,965.
 Tarentum Savings and Trust Co., and Voigt, M. C. Sheet piling mechanisms. 4,415.
 Thackeray, A. G., and Phillips, J. E. Casting printers' type, etc. 4,372.

SPECIFICATIONS PUBLISHED

1928

- Boothroyd, A., and Knowlson, J. M. Feeding devices for webs of paper and other material. 324,895.

Keene, J. A. Loose-leaf books and the like. 325,061.
 Quick, C. G., and Bennett, T. R. Apparatus for printing late news in newspaper printing machines. 324,922.

1929

Haupt, A. Machines for perforating paper and the like. 325,178.

For paralysis research, Mr. Liston Wilson, a N.Z. newspaper owner, has given £5,000 to Sydney University.

A STEAM trawler to be named the "Daily Chronicle," is this week being added to the fleet of the Boston Deep-Sea Fishing and Ice Company, Limited, of Fleetwood (Lancashire). It is one of five vessels the company is acquiring, which are to be called after national daily newspapers.

AFTER a trial, which had lasted thirteen days, and which it is estimated has cost £20,000, M. Barbu Jonesco was, last Thursday, awarded £12,000 damages in his action for libel against the *Evening Standard* Company, Limited. The trial took place before Mr. Justice Horridge in the King's Bench Division. Judgment was entered accordingly with costs, and an application for a stay of execution for 14 days was granted on condition that the money was paid into court.

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An Improved Method of Heating Autoplates and Stereotype Furnaces

By P. HOPKINSON

Usually the most uncomfortable, unhealthy, and most dangerous department in a printing establishment is the foundry, with its furnaces for the melting of the stereotype metal. The reasons why this is so are several and can be enumerated as follows:—

1. By the excessive temperature prevalent in the foundry itself, due to the radiation from the furnaces.
2. By the harmful lead vapours given off from the molten metal, and the fumes produced by the distilla-

with those produced by the distillation of the ink. The outlet from this hood is connected to the chimney. The products of combustion from the furnace proper are conducted into the hood, thus preventing oxidation of the surface of the metal and at the same time reducing radiation losses.

It is interesting to note that a saving as high as 15 per cent. has been achieved in the loss of metal due to oxidation.

The fumes produced by the distillation of the ink and grease from the plates are consumed inside the hood, instead of condensing in the pipes with the consequent risk of fire.

The arrangement for charging the old plates and the tails into the pot beneath the closed hood consists of an

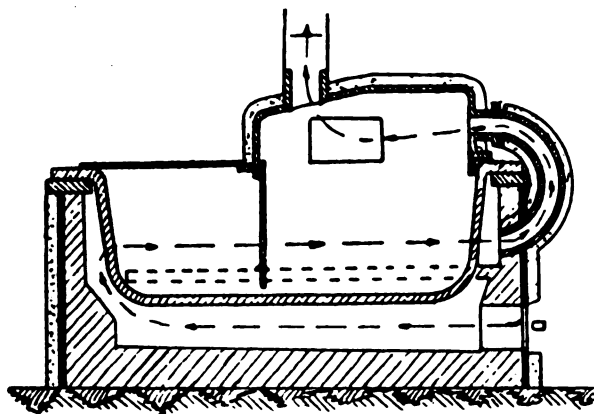


FIG. 1

tion of the ink and grease which have adhered to the old plates, when these are returned to the pot.

3. By the danger to the operators from flying metal when the cold plates are returned into the pot.

4. By the risks of fire in the relatively cold ventilating and fume pipes resulting from the ignition of the condensed oil and resin fumes from the ink after being distilled on the surface of the molten metal.

5. By the impossibility of having a clean foundry if the fuel used is coal or coke.

The writer recently investigated a system of heating autoplates which has been adopted in several of the leading newspapers in Paris and French provincial towns and which is being introduced into this country by Messrs. British Furnaces Limited, of Derby Road, Chesterfield.

The inventor of the system is M. Rabaté, Directeur des Services Techniques du Journal *Le Matin*, and the patents are controlled by *Le Matin*.

This system eliminates the various inconveniences mentioned above, and also produces an economy in fuel consumption which in certain cases can be very considerable. In fact, in some instances the saving has been such that the cost of the conversion has been rapidly recovered.

Figs. 1 and 2 show diagrammatically the Rabaté System as applied to the usual type of autoplate furnace, but the system can be also applied to all sizes of stereotype furnaces, including Winkler Casting Machines.

In general, the conversion of the furnace is carried out on the following lines.

If the casing of the furnace is not already provided with insulation, then this is carried out to reduce the radiation losses. An air-tight hood is provided over that part of the pot not occupied by the pump and mixer, and this hood collects the lead fumes, together

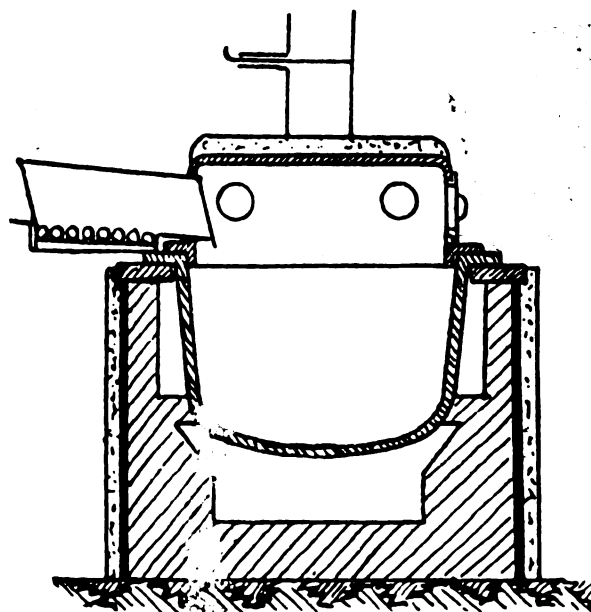


FIG. 2

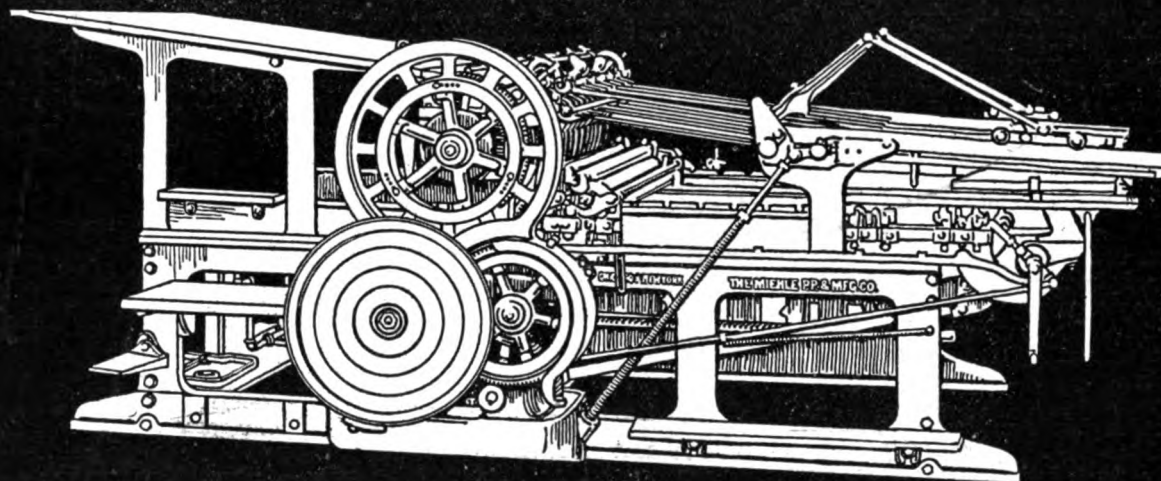
inclined tunnel having a roller track and two doors forming an air lock. The plate to be charged is pushed into the tunnel, which opens the first door, after which the plate travels down the roller track, opens the second door, when the first is already shut, and falls into the pot. By this method of charging it is impossible for the operators to be injured by spurts of hot metal from the pot when a cold plate is inserted.

The system can be used with either gaseous, liquid, or solid fuel, but the last-mentioned is not to be recommended for stereotype furnaces.

As an acknowledgment of the improvement in the safety of the operators and the hygienic conditions of the foundry, the inventor, M. Rabaté, was presented in May, 1927, with a bronze medal by the Association of French Manufacturers.

THE calendar for 1930 of Messrs. Macaire, Mould and Co., Ltd., the well-known printers of North London and Bishopsgate, is well produced of serviceable design. Accompanying the calendar is a desk-pad with weekly tear-off slips, space being provided for entries for each day of the working week.

The
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MIEHLE
COMPANY'S PRESSES**



The AMERICAN MIEHLE COMPANY'S FOUR-ROLLER TWO-REVOLUTION PRESS.

SURPLUS EARNINGS

The American Miehle Co's Press will return the full normal profit on the investment from the first day of its installation.

It will do more than this.

By reason of its convenience, its speed, its all round efficiency, it will earn a surplus sufficient to repay its original cost within a few years.

These surplus earnings result from greater economy of operation for any given period, and greater production in the same period.

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Printers' Problems

Views of W. and N.-W. London Printers

Some of the many problems connected with the world of print were discussed at a meeting of the West and North-West London Master Printers Association at Westbourne Park Institute on Monday. Mr. S. N. Heron (president) was in the chair, and the meeting included a few members from other districts. At the request of the chairman, Mr. W. J. Mizen (North London M.P.A.) opened the proceedings with an interesting point regarding the attendance of members at the meetings of the district associations. He stressed the necessity of roping in the printers still outside the organisation. Many of their difficulties would then automatically cease.

Mr. T. D. Hawkins (L.M.P.A. headquarters) also referred to the question of attendance, and spoke of methods of attracting members to the district meetings.

Mr. T. Sellens (West and North-West Association) speaking of difficulties encountered through the "picking" of art papers, said the matter was largely governed by temperature, providing the paper was well seasoned. It was said that paper should not be worked in a temperature of less than 58 degrees, and he had found this to be correct from personal experience.

MAILING LISTS

Another important point stressed by Mr. Sellens related to the importance of keeping names and addresses of firms up-to-date for mailing purposes. He himself had been a sufferer from the fact that many people were using obsolete directories.

Mr. W. L. Sidders said he always impressed upon customers the importance of keeping their mailing lists up-to-date. If you printed catalogues, brochures, booklets, etc., for a customer it was in your own interests to make them show results. In this way a customer automatically returned with his work. Unless names and addresses of firms on the mailing list were kept up-to-date, much sales matter was entirely wasted.

HEATING WORKSHOPS

The question of oil versus coke for factory or workshop central heating systems was also touched on by Mr. Sidders. He said he personally used oil and found it far superior to any other fuel for maintaining a uniform temperature.

Several members asked questions regarding the position with local authorities in storing oil, Mr. Heron saying that the difficulty could be met by storing the oil outside the building.

A representative from the Hogarth Press (J. Lyons and Co., Ltd.) asked a question concerning the use of conveyors in printing workshops. Considerable discussion on the point ensued, and it was agreed that while conveyors were suitable for some plants, they were impracticable for others.

Amongst several other interesting matters discussed was the question of the working of overtime as compared with the method of engaging extra hands at times of great pressure.

Several other labour matters having been discussed, Mr. P. G. Crannis put before the meeting the nomination of an applicant for membership, and unanimous election followed.

A vote of thanks to Mr. Heron for his occupancy of the chair was proposed by Mr. Mizen and heartily acclaimed.

Practical Difficulties

North London Discussion

Many of the daily problems and difficulties of the printing office were discussed at the monthly meeting of the North London Master Printers' Association, held on Tuesday last week, at the White House Restaurant, Stroud Green, N. Mr. W. R. Cummins (president) presided, and he was supported amongst others by Messrs. Alfred Langley (president, L.M.P.A.), S. N. Heron (president, W. and North-West Association), W. J. Mizen (secretary), W. W. Curtis, T. D. Hawkins (secretary, East and North-East Association) and D. A. Whitehead.

After extending a welcome to Mr. Langley, the chairman made reference to the desirability of increasing the usefulness of the Association, and in this connection paid a tribute to the *British and Colonial Printer and Stationer*, in whose pages, he said, members and non-members found useful reports of the Association's doings month by month.

The secretary read a letter received from the Advertising Association setting forth the objects of that organisation, and Mr. Langley urged that all printers should give their support to it.

The remainder of the evening was given over to the discussion of the difficulties met with in the course of business. These were put forward in large numbers and covered a wide variety of topics.

One member regretted the fact that many paper houses were so long in sending in to the printer invoices for ruled-up paper. Until the printer knew the amount to be charged for the paper, he did not know what to charge the customer for the finished job.

Opinion was expressed in favour of often undertaking jobs without giving an estimate, when once the confidence of the customer had been secured.

Another member asked to be recommended to an unmounted strawboard that would not warp. He had tried numerous makes of strawboards and had adopted many devices to keep them rigid, but without success. No one present appeared able to give the inquirer much information on the subject, their difficulties in this respect being very similar. One speaker said that he did not think a board existed that would not warp.

The difficulty of printing on gold and silver paper was one of the points raised, the lack of proper inks and suitable paper being given as the cause. This question brought forth the statement that on the Continent and in America chemical research departments were giving much attention to the matter, and were meeting with a certain amount of success. German gold ink, it was stated, was 50 per cent. cheaper and 100 per cent. easier to work than that manufactured at home.

The cutting of prices was another matter dealt with, some very great variations in the prices charged for certain jobs being given. Examples were put forward to show that it was not always price-cutting that was the cause of the variations. The presence or absence of up-to-date machinery was also an important factor.

A further difficulty ventilated had reference to the curling of paper in connection with the automatic feeder, the general opinion being that there was no make of automatic feeder that would operate paper which curled. To obviate this difficulty it was contended that proper maturing of the paper should be undertaken, though there might still remain the difficulty of paper maturing only at the edges and not in the centre. It seemed to be the general opinion

that British-made paper held the moisture longer than paper from abroad. With regard to paper used for colour work and the consequent bad register due to moisture, a member said this could be partly overcome by taking precautions. If a run was, say 5,000, he suggested the placing of 25 sheets of waste at the top of each ream and running them through the machine.

The folly of trying to run old paper that had probably been in stock for twelve months alongside of paper fresh from the mill and then to expect good register was mentioned.

A member asked if one of the Scottish paper mills was now running its paper through a machine to condition it before sending it to the printer.

The difficulty met with through the peeling of coated paper in the process of printing was another matter touched on. Even if they paid $\frac{1}{4}$ d. a lb. more for the paper, the difficulty persisted with most varieties of coated papers. In reference to this difficulty, the opinion was expressed that coated wood pulp papers gave better results than coated esparto papers. However, it was admitted that paper of the former variety, because it was harder, was more likely to injure the half-tone block in a long run.

LEIPZIG SPRING FAIR, 1930.—Many special privileges and fare reductions are granted by British and German railway companies and steamship services to visitors to the Leipzig Spring Fair, which commences on March 2nd. Full details and booklets regarding these privileges can be obtained from the London office of the Leipzig Fair, 1, Gower Street, London, W.C.1.

Government Contracts

Contracts were placed with the following firms during January:—

STATIONERY OFFICE

Printing, Ruling, Binding, etc.—Group 611 (1930)—Ammunition Labels and Wrappers, E. G. Berryman and Sons, Ltd., London, S.E.; 5,615 Assessment Books, Waterlow and Sons, Ltd., London, E.C.

Envelopes.—J. Dickinson and Co., Ltd., Hemel Hempstead, Herts.

Paper of Various Descriptions.—Jas. Brown and Co., Ltd., Penicuik, Midlothian; Caldwells Paper Mill Co., Ltd., Inverkeithing, Fife; J. Cropper and Co., Ltd., Kendal; Golden Valley Paper Mills, Bitton, near Bristol; Imperial Paper Mills, Ltd., Gravesend; London Paper Mill Co., Ltd., Dartford; St. Neots Paper Mill Co., Ltd., St. Neots, Hunts.

CROWN AGENTS

Printing Machinery.—Dawson, Payne and Elliott, Ltd., Otley, Yorks.

Printing Materials.—H. W. Caslon and Co., Ltd., London, E.C.

Stationery.—Waterlow and Sons, Ltd., London, E.C.

The annual dinner and dance of the "Rambler's Club" (attached to Messrs. Newnes and Pearson Printing Co., Ltd.), was held on Saturday at Slater's Restaurant, Kensington, when a company of about 150 enjoyed a very pleasant evening. Mr. J. M. Bathgate, a director of the firm, was in the chair, and toasts of the "King," "Visitors" and the "Chairman" were heartily given.

"CHROMORECTA" PROCESS

Negatives or positives colour corrected by the patent "Chromorecta" process possess life, energy, contrast, strength, and character, for making

PHOTO-LITHO PLATES

regardless of the number of colours to be used.

The "rights" of using this process can be secured from the proprietors of the patent on favourable terms for which a special license will be granted.

Terms: Upon application. Demonstrations arranged by appointment.

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PRINTING INKS

VARNISHES

**ECLIPSE WORKS, ASHLEY RD.
TOTTENHAM HALE, N.17**

British Industries Fair

Sustained Interest, and Plans for the Future

The vast numbers of buyers from all over the world who have continued daily to visit the British Industries Fair, are in themselves sufficient proof that last week's auspicious opening of the Fair was no mere flash in the pan. The products of British firms, which are being shown, both at Olympia and Castle Bromwich, are in keen demand from all parts of the world. On the day of the opening of the Fair in London, the estimated number of buyers was 4,000, and by Saturday last, the number had swelled, according to official figures, to

spirit of modern business demanded agreeable surroundings.

The fact that two thousand exhibitors were participating in the Fair, exhibiting the products of some sixty industries, was also commented on by the Duke, who added, "I congratulate every man who participates in the Fair on his foresight and vision. He is sensible and scientific. Lacking, perhaps, an elaborate sales organisation of his own, he has determined to use one provided by co-operative effort."



THE STAND OF THE LANSTON MONOTYPE CORPORATION

7,886, an increase of nearly one thousand over the corresponding day in 1929.

Several features have probably contributed to this desirable result, but there is no doubt that the most outstanding improvement in this year's Fair has been the removal from the old quarters to Olympia, a building which is impervious to the attacks of cold weather and which is pervaded with an atmosphere of success. This fact was commented upon by the Duke of York, in his speech at the banquet which followed the opening of the Fair on Monday last week. "I have noticed a tendency on the part of great and successful enterprises to flower in fine buildings," said the Duke. "Perhaps the outstanding event on which we have to dwell is the removal of the London section of the Fair to its new home—Olympia." After expressing the hope that the overseas buyers would find the Fair's new home a place of comfort, the Duke went on to say that the

Under the chairmanship of Viscount Chelmsford, the president of the Board of Trade has set up an influential committee to inquire how the scope of the Fair can be extended, and the possibility of holding it, or sections of it, abroad. A travelling fair, either in ships or trains will also be considered.

The establishment of this committee is evidence that Great Britain is not lacking in that essential spirit of foresight and longheadedness, which is so necessary in the keen competition for the markets of the world, which prevails everywhere in industry to-day.

THE commercial staffs of the *Daily Mirror* and *Sunday Pictorial* held their twentieth annual banquet and ball on Friday evening at the Connaught Rooms, London. Mr. Wallace D. Roome presided, and responded to the toast of "The Firm," which was proposed by Mr. D. S. Middleton.

PRINTERS' SUPPLY HOUSES

A BUYERS' GUIDE TO EFFICIENT SERVICE

BRONZING MACHINES

LACO-MASCHINEN-FABRIK Paul Tschentscher, Leipzig, W 33 (Germany) supply Bronzing machines with sevenfold dusting.

ENVELOPE MACHINES

CARLAW, DAVID, & SONS, LTD., 31, Finnieston Street, Glasgow. High Speed Adjustable Envelope making Machines for all sizes and shapes; Blank Cutting Machines; Cutters; Embossing Machines, etc.

FOLDING MACHINES

CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C.4. ('Phone Cent. 1165). The "Cleveland" and "Camco" series. A Folder for every need, from Eight Crown down to Demy Folio.

OFFSET MACHINES

CRABTREE, R. W. & SONS, LTD., Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C.1. Makers of Offset Machines, Single Colour—Demy Folio to Extra Eight Crown. Two-Colour and Perfecting Double Demy to Extra Eight Crown. Transfer Presses and Graining Machines.

PAPER FEEDERS

CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C.4. ('Phone Cent. 1165) (Spiess Patents) AUTOMATIC FEEDER.

H.T.B. LTD., Blackhorse Lane, Walthamstow, E.17. Sole Manufacturers and distributors of H.T.B. Full Automatic and Semi-Automatic FEEDERS. Telephone Number Walthamstow 0211.

CCROSS PATENT AUTOMATIC FEEDER. Manufacturers and Sellers: Cross Paper Feeder Co., Ltd., 92, Fleet Street, E.C.4.

"ELESS" PILE AUTOMATIC FEEDER. Sole selling Agents for Great Britain and Colonies, R. W. Crabtree & Sons, Ltd, Water Lane, Leeds.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfeld, 25, Lime Street, E.C.3. 'Phone: Monument 4002

PRESS BLANKETS

HOE & CO, LTD, R., 109, Borough Road, London, S.E.1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C.4. 'Phone: Central 3839. "LIGHTS-EVERWEAR." Press Rubbers. Oil and Ink-Proof and Reversible.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C.2. Printers in Russian, Polish, Czecho-Slovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTG. METAL MANUFACTURERS

OIDAS METALS CO., LTD., 3, New London Street, E.C.3. Telephone: Royal 7791. Specialists in the Manufacture of Lino, Mono, Stereo and all Type Metal. Specifications absolutely guaranteed. Reasonable Prices.

PRINTING PRESSES, ETC.

CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C.4. ('Phone Cent. 1165). The "Kelly" High Speed two rev. presses.

JOHAN & WM. BURT & SONS, LTD., 156, Caledonian Rd. London, N.1 (Tel: North 3487/8) Sole Agents for "Auto-Phoenix" Two-Revolution, Step Cylinder and Platea Presses.

London Agents for Ratcliff's "Reliable" Direct Rotary, Rotary Offset and Tin Printing Presses.

ROLLER COVERINGS



MINTON, LOUIS, Trovelyan Buildings, Manchester. LITHO INKERS, DAMPERS, VARNISHING, LETTERPRESS, DIE-STAMPING, NEWSPAPER, ETC.

ROTARY WEB PRESSES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGHSPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

STEREO AND ELECTRO PLANTS

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Tel.: Hop 6604. Telegrams: Expugnator-Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

STEREO DRY FLONG

DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. 'Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting.

STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. ROTOPLATE (Reg. Trade Mark) and ROTOSHAVER Casting and Finishing Machines.

LIGHT & Co., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. Sole Agents for the "WINKLER" Automatic Moulding Press, Automatic Plate Casting Machine, etc.

TINPLATE DECORATG. MACHINES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C.1. Makers of "Rapid" Tinplate Decorating Machines with Semi-Automatic Pile Feeder, Tin Varnishing, Coating and Lacquering Machines.

Commercial Review

Current Share Prices

Allied Newspapers 23s. 1½d., 23s. 9d., 8 p.c. cum. pref. 21s. 4½d., 21s. 6d., 5½ p.c. 1st deb. 90; Allied Northern News papers 6½ p.c. deb. 96. 97; Amalgamated Press ord. (10s) 21s. 6d., 7 p.c. cum. pref. 19s., 18s. 10½d., 5½ p.c. deb. 90. 89; Anglo-Foreign Newspapers (5s.) 1s. 3d., 1s. 6d., defd (1s.) 4½d.; Argus Press 7 p.c. pref. 19s. 6d.; Argus Press Holdings 23s.; Associated Newspapers 23s. 3d., def. (5s) 29s. 4½d., 29s., 5 p.c. pref. 16s. 9d.; British Glues and Chemicals 8 p.c. cum. pref. 19s. 6d.; Daily Express Building 6 p.c. deb. 94; Daily Mirror Newspaper (5s.) 23s. 1½d., 22s. 10½d.; Thomas De La Rue 10s. 9d.; John Dickinson and Co. 42s. 6d.; Financial Newspaper Proprietors 15s. 10½d.; Financial Times 7 p.c. cum. pref. 20s., 20s. 1½d.; Hudson and Kearns 10 p.c. 1st pref. (16s.) 11s. 4½d.; Ilford 52s. 6d.; Illustrated Newspapers 10s. 1½d., 7 p.c. cum. pref. 14s. 6d.; Kelly's Directories 7½ p.c. cum. pref. 22s., 7½d.; Lamson Paragon 19s., 10 p.c. cum. pref. 25s. 3d., 24s. 6d.; George Newnes (10s.) 22s., 5 p.c. cum. pref. 16s., 7 p.c. 2nd cum. pref. 10s., 9s. 3d.; Northcliffe Newspapers 5½ p.c. deb. 93; Odhams Press (4s) 6s. 11½d., 6s. 9d., 6 p.c. pref. 14s. 10½d., 7½ p.c. A pref. 19s.; C. A. Pearson 5½ p.c. cum. pref. 15s. 6d.; Sunday Pictorial Newspapers (1920) 60s. 11½d.; Waterlow and Sons def. 37s. 6d.; Weldons pref. ord. (10 p.c. cum.) 13s. 2d.; Winterbottom Book Cloth 75s., 6 p.c. pref. 20s. 7½d.; Wyman and Sons 53s. 1½d., 6 p.c. cum. pref. 19s. 4½d. xd.

Dividends and Reports

WINTERBOTTOM BOOK CLOTH CO.—Final dividend 1s. 8d. per share and bonus from investment account of 1s. 4d., making 20 per cent. for year, against 22½ per cent., but capital has since been increased.

New Companies

CELPHATONE PROCESS, LTD.—Capital £10,610 in £1 shares (10,000 10 per cent. cumulative preference and 610 ordinary); stencillers, lithographers, engravers, silk, paper, ink and dye manufacturers, silk screen stencil printers and printers on glass, silk and other fabrics and materials, etc. Private company. Directors: F. D. Parkinson and J. Parkinson. Solicitors: W. and A. Blackhurst, Blackpool.

PUBLICITY CAMPAIGNS, LTD.—Capital £7,500 in 3,500 7 per cent. cumulative participating preference shares of £1 each and 20,000 ordinary shares of 4s. each; advertising and publicity agents, publishers and printers, etc. Private company. Directors: A. G. Taylor, F. C. Pickard and R. Pynegar. Registered office: 15, 16, 17, St. Paul's chambers, Blackfriars, E.C.4.

L. S. A. PUBLICATIONS, LTD.—Capital £2,000 in £1 shares; printers, engravers, publishers, book and print sellers, bookbinders, newspaper and magazine proprietors, advertisement contractors, advertising agents, designers of advertisements, etc. Private company. Directors: R. Fielding Ould, M.A., M.D., M.R.C.P., D. Foote, F. P. Battersby, Juliette Baggallay and S. Leaning. Solicitors: Kenneth Brown, Baker, Baker, Essex House, Essex street, W.C.2.

FOREIGN PRINTS CO., LTD.—Capital £550, in £1 shares (544 25 per cent. cumulative preference and 6 ordinary); to acquire the business now carried on at 7, Round Church-street, Cambridge, as the Foreign Prints Co. Dealers in pictures and objets d'art, booksellers, printers, bookbinders, publishers of newspapers, magazines and other publications, engravers, etchers, etc. Private company. Directors: D. A. Ross, Mrs. Margaret H. Norgate

and H. Todd-Naylor Gaitskell. Solicitors: Strong and Co., 61-2, Gracechurch street, E.C.

"TOPICAL" PRESS AGENCY, LTD.—Capital £5,500, in £1 shares (1,100 employees); to adopt an agreement with J. B. Helsby. Commercial and cinematograph photographers, dealers in photographs and negatives, publishers of press, commercial and cinematograph photographs, etc. Private company. Directors: J. B. Helsby, E. J. J. Mallison, Violet M. Palmer, A. S. Parkes, A. H. Saville and H. Stowell. Registered office: 10 and 11, Red Lion-court, Fleet-street, E.C.4.

PAPER STORE, LTD.—Capital £1,000 in £1 shares; to acquire the business of a wholesale and retail paper merchant carried on by C. Bradley at Elmfield-street, Belfast, as "The Paper Store." Private company. Directors: C. Bradley and B. Campbell. Registered office: 18, Herbert-street, Belfast.

Mortgages and Charges.

ALDEN PRESS (OXFORD), LTD. (newspaper proprietors etc.).—Further charge on certain lands and buildings in Oxford dated January 28th, 1930, to secure £1,000. Holders: Mrs. K. E. Hook, Broadwell Farm, Broadwell, Oxon; and others.

MONARCH PUBLICATION AND PRINTING CO., LTD. (London).—Land registration charge on freehold premises No. 4, Little-street, Andrew-street, W.C., dated February 11th, 1930, to secure £200. Holder: Dr. F. W. James, "Forris-holme," Melbourn-avenue, W. Ealing.

THOMAS TAIT AND SONS, LTD. (papermakers, etc.), (incorporated in Scotland with place of business in London).—Mortgage dated March 8th, 1929, charged on company's stock in trade and other effects at Limehouse Wharf and at branches, 203, Upper Thames-street, E.C.4, and 29, Pall-mall, Manchester, or elsewhere; and book and other debts, etc., upon which £7,000 was owing on November 1st, 1929. (Now registered pursuant to Section 91 of the Companies Act, 1929.) Holders: T. Tait, Broomend, Inverurie, N.B.; and others.

Receivers Appointed or Released

HEWITT AND BROWN (PRINTERS), LTD. (Whitley Bay) (formerly Hewitt and Rudge, Ltd.).—R. H. Newton, C.A., of 14, Saville-row, Newcastle upon Tyne, ceased to act as receiver on January 27th, 1930.

ST. ALBANS NOTEBOOK CO., LTD. (manufacturing stationers, etc., St. Albans).—J. S. B. Hole, of 240, High Holborn, W.C.1, ceased to act as receiver or manager on February 4th, 1930.

JAMES HARRISON AND CO., LTD. (old company), (engineers relating to cardboard box and printing machines, etc.).—J. Lloyd and N. R. Dickinson, C.A.'s, of 10, East-parade, Leeds, and 260, Swan-arcade, Bradford, respectively ceased to act as receivers or managers on December 31st, 1929.

TURF PUBLISHERS, LTD. (London).—H. S. Blouet, of 47, Charing Cross road, W.C.2, ceased to act as receiver and manager on February 1st, 1930.

From the London Gazette

PARTNERSHIP DISSOLVED.—T. R. Smith and H. Shirley-Smith, paper merchants, 285, Belgrave-road, Balsall Heath, Birmingham under the style of George Smith and Co.

THE BANKRUPTCY ACTS, 1914 AND 1926: RECEIVING ORDER.—Fred. E. Judd and Co., of and lately carrying on business at 146A, Queen Victoria-street, London, wholesale and manufacturing stationers.

Country News

BARNESLEY

FOR "printing cards meant to be published or dispersed without having printed thereon their name and usual place of abode or business," Messrs. J. Lodge and Son, Ltd., Regent Street, South Barnsley, were summoned at Barnsley. Messrs. Lodge pleaded guilty to a technical offence and explained that they merely printed 1,000 cards from one similar, bearing no imprint which was brought to them. The chairman said the Bench considered there was no intention on the part of the printers to do anything wrong, and the case would be met by the payment of costs.

BRADFORD

THE Stationery Sub-Committee of the Bradford City Council received last week the report of counsel engaged to give an opinion on the legality of the proposal to establish a municipal printing works in Bradford. It is understood that one of the main points made was that it would be necessary to show that the setting up of the printing works would result in a substantial saving on the present cost of printing ordered by the Corporation from private firms, and so prove a public benefit. There is some question whether, in view of the particularly competitive prices for printing locally, the required guarantee could be provided. The sub-committee instructed the City Treasurer (Mr. F. Ogden Whiteley) to prepare a statement upon the report, which one member described as "bristling with ambiguities," and the whole question will have to be considered again later.

FALKIRK

At the recent annual whist drive, supper and dance of the employees of the *Falkirk Herald* and *Linlithgowshire Gazette* newspapers (Messrs. F. Johnston and Company, Limited), held in Falkirk, Mr. Fred Johnston, managing director and editor, expressed appreciation and thanks for whole-hearted co-operation received from every member of his staff. An enjoyable evening was spent.

HULL

MR. W. T. FIELDING, of the Manchester Technical College, lectured at the Hull Technical College last week on the improvements that have taken place in printing machinery during the past thirty years, his lecture being illustrated with lantern slides.

SOUTH WALES

THE South Wales and Monmouthshire Alliance of Master Printers, of which Mr. Albert E. Baker is secretary, announces a change of address. The Alliance office is now situated at 67, Queen Street, Cardiff, where all communications should be sent. The telephone number is Cardiff 4308 (extension 2).

SWANSEA

SWANSEA Council have referred to the Parliamentary Committee a letter from the Swansea Chamber of Commerce as to the proposed municipal printing office and bindery. These, it is said, very nearly approach municipal trading, and would possibly create great hardship to some of the ratepayers of the town.

WISBECH

MR. FREDERICK JOHN GARDINER, editor and proprietor of the *Isle of Ely and Wisbech Advertiser*, from 1883 to 1927, has passed away at Wisbech in his 81st year. Deceased had been intimately associated with that newspaper since leaving school, a total of over 60 years.

Y.M.P.s' Dinner-Dance


Young Master Printers of London held a very successful dinner-dance at the Holborn Restaurant on Tuesday evening. A large attendance included Mr. A. J. Bonwick (vice-president of the Federation of Master Printers) and Mrs. Bonwick, Lt.-Col. and Mrs. Roy F. Truscott, Mr. and Mrs. Alfred Langley, Major Clowes, Mr. and Mrs. Wm. Whyte, Mr. F. Mason, Mr. F. H. Bissett, Mr. L. J. Cumner, etc.

During the evening Lt.-Col. Truscott read a message from Mr. Wm. Maxwell (Federation president), who was kept in Edinburgh by a meeting of his own company. Mr. Maxwell expressed his great interest in, and his desire to support, the Young Master Printers' movement, and in wishing the young men success he remarked on the great potential benefit of the Association.

The Young Master Printers and their ladies and friends enjoyed a very pleasant evening, dancing proceeding under ideal conditions.

ADVERTISEMENT REGULATIONS.—The Advertisement Regulations Bill comes up in the House of Commons for its second reading to-morrow (Friday), and a motion for its rejection is down in the name of Mr. W. E. D. Allen, M.P., whilst Mr. George A. Isaacs, M.P., is also likely to speak in opposition. A large number of letters has been received from members of Parliament indicating that they intend to give serious consideration to the measure, and it is certain that even if the Bill should pass the second reading stage it will meet with considerable modification.

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Apply The Education Officer (T.1), The County Hall, Westminster Bridge, S.E.1 (stamped addressed foolscap envelope necessary) for form to be returned by March 8th. Canvassing disqualifies.

MONTAGU H. COX,

Clerk of the London County Council.

15430

A LEADING Firm of Papermakers require **FIRST-CLASS REPRESENTATIVES** for London, preferably young, but with definite experience in High Grade Qualities; good opportunity for men with selling ability.—Apply, Box 15429.

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LADY, Expert Book-keeper, Shorthand Typist, M.P.F. Costing, Secretarial Duties, seeks change; excellent references; Salary 55s. City office, 45s. suburb.—Apply, Box 15431.

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Although Yorkshire printers in their respective cities and towns have from time to time held their annual dinners, there has not been in recent years any dinner representative of Yorkshire printers as a whole. On the suggestion of Mr. W. H. Sessions, of York, it has been decided to hold one this year. In a graceful compliment to a York man as the president of the Yorkshire Master Printers' Alliance, the Lord Mayor of York has invited the printers to use the York Mansion House for this function. It will be held in the State Room where the present King, his royal father, and many princes and eminent men have been entertained, and the tables will be decorated with the priceless old silver in the possession of the Corporation of York.

Advantage has been taken of the fact that this year's Lord Mayors of London and Hull are both members of the printing industry. There will thus be present three Lord Mayors and Lady Mayoresses—of London, York, and Hull—and but for another engagement, the Lord Mayor and Lady Mayoress of Leeds (in an allied trade), would also have been present.

The president of the Federation of Master Printers of Great Britain, Mr. William Maxwell, of Edinburgh, his wife and daughter, and the Director of the Federation, Mr. A. E. Goodwin, and Mrs. Goodwin, of London, will also be present, along with the leading printers of Yorkshire. The dinner, on February 28th, therefore, promises to be a brilliant function in a stately setting—one worthy of the importance of the craft in Yorkshire.

MISCELLANEOUS

PRINTERS and STATIONERS and all using Guillotine Cutting Machines should use the up-to-date improved Knife Sharpener. The extra power required with a dull knife is enormous. (The carpenter also sharpens his edged tools many times between grinding). Sent on appo. for three days at the low price of 22s. 6d. for large, and 12s. 6d. for small machines. Trade supplied —A. V. Brown, 109, Wightman-road, London, N.4. 15434

BENEFITS

A trade organisation is judged by the generosity of the benefits it provides for its members.

THE PRINTERS' PROVIDENT ASSOCIATION provides Unemployment, Superannuation and Funeral Benefits upon terms which are lower than those of any other trade organisation.

The Society is the pioneer in the printing trade of the movement for joint associations of employers and employed.

It is the originator of the scheme for contributory insurance whereby employers assist in providing benefits of a reasonable nature for workers engaged in the craft.

Forms of application for membership and further information with pleasure from the Secretary:—

STANLEY G. C. JACOBS,

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EDWIN W. EVANS*Auctioneer and Valuer*TO THE PRINTING AND
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FOUNDED 1878 — PUBLISHED WEEKLY

And Stationer

VOLUME 106
NEW SERIES No. 71

LONDON: MARCH 6, 1930

EVERY THURSDAY
PRICE THREEPENCE

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The British & Colonial Printer And Stationer

FOUNDED 1878 — PUBLISHED WEEKLY

VOLUME 106
NEW SERIES No. 71

LONDON : MARCH 6, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THERE is a deal of dissatisfaction among printers about the state of trade. At this time of the year, with the spring season approaching, business should be in full swing. Unfortunately it is not, and there is no particular reason for thinking it will speedily improve. A poor start, such as has been constituted by these first two months, is very difficult to overtake, especially if there is not a prospect of making headway before Easter. Something of the same sort happened last year, if our memory serves us correctly, and the resultant balance sheets of many printing houses have reflected the influence of conditions in the early period of the year. As a matter of fact, the general condition of commerce is fairly accurately reflected in the consumption of paper and print. We only need to refer to the state of trade, particularly in the key and heavy industries, to appreciate the situation in our own industry. Maybe the unsettlement in the financial world and anxiety regarding the Budget are to some extent responsible factors for the present position, but it is not easy to believe that the announcement of the Budget proposals will ease the situation in any material manner. There will undoubtedly be a little more burden to carry, and an added incentive for business houses to economise on non-productive expenditure, which means cutting-down printing and stationery expenses. Printers should not rely for consolation upon the Budget, nor look for hope from any quarter where "wait and see" is the attitude toward trade im-

provement. They will find it the most fruitful policy to rely upon their own initiative, enthusiasm and capability. There is still a market for printing, and there are some good printing orders about. There is business to be created, and some to be diverted from the news-press to the jobbing room. In spite of all the adverse conditions there is room at the top, and a wider prospective presents itself from that point of vantage.

* * *

WE do not know if we are breaking new ground when we suggest the possibility of increasing the demand for printing by the appointment of a sales-creative official at Master Printers' headquarters. We are all agreed that the consumption of paper and

print will increase in ratio to the appreciation of its value and importance by users. It is a matter of education and persuasion all the time. Every piece of advertising or publicity issued by manufacturers or distributors is so much of education and persuasion to prospective users of the product. From this point of view it can be said that every advertiser accepts it as necessary and essential to cultivate and create business on the basis of educating and persuading the prospect. In a more or less random manner, individual printers endeavour to make openings for more business, but for the great part they are too tied to daily routine and too close up to their own practice to devote thought, consideration or endeavour to the policy of expanding

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print consumption by sustained propaganda. We are, of course, aware of the existence of a mild form of collective effort. The Federation has done some useful Committee work in urging the claims of better printing and more of it for better business and so forth. There has been a "better stationery" campaign. There have been demonstrations at exhibitions, and there has been a friendly approach toward joint appreciation with the advertising profession. Perhaps there has been a still greater amount of time and thought devoted to the education of the printer in the art of printing for publicity, a very necessary procedure and one that is definitely established as a permanent feature of printing trade journalism.

* * *

THE success of cost-finding was assured once the System had passed through committee and became part of the routine of paid officials. If there had not been costing executives to administer costing, to instal it, and to check and revise it, there would not have been such general adoption of the system. We suggest that equally tangible results might follow the appointment of an official thoroughly competent to develop, create, divert and discover ways and means of increasing the demand for paper and print. Such a post could be created, and the occupant given an agreed appropriation to spend. One of the principal objects would be to efficiently boost the advantages of direct mail over Press advertisement. This is where we fall foul of publishers and the advertising consultant, and we know what that means. The whole time initiative and energy of the publicity official would go in education of the print consumer to the advantage of paper and print, in helping the printer to follow up fresh openings and in making openings and avenues leading to more printing. Propaganda work of extreme value would be accomplished by lectures and addresses before associations and organisations of business men and possible users of printing. Support would be accorded by committee, but responsibility and maximum freedom would be allowed the official. Under such conditions we can visualise a big advantage over present methods and returns.

MR. W. S. MINTON, the general manager of the Whitefriars Press, Tonbridge, has been entertained at a complimentary dinner by the staff on his recovery of health after a long illness.

MR. WILLIAM LONGMAN, of the firm of Longmans, Green and Co., Ltd., being the president of the Publishers' Association of Great Britain and Ireland, it is of special interest to learn that the American House of Longmans has provided the president of the American Publishers' Association in the person of Mr. E. S. Mills, who is the American partner of the firm.

MR. ARTHUR CHADWICK will preside when the Master Sign Makers' Association holds its first annual convention on March 28th at the Holborn Restaurant.

MR. B. CLAYDON, secretary of the Envelope Makers and Manufacturing Stationers Association has been elected a member of the Metropolitan Water Board as representative for the Urban District Councils of Edmonton, Enfield, and Southgate, a large and important area.

MR. CLAYDON has been a member of the Southgate U.D. Council for eight years and is chairman of the Finance Committee.

Personalia

LORD RIDDELL, chairman of the Newspaper Proprietors' Association, is to-day (Thursday) unveiling the memorial to the late Lord Hambleden, at the north-east corner of Lincoln's Inn Fields.

THE Lord Chief Justice is to be the principal guest at the fifth annual dinner of the Periodical Trade Press and Weekly Newspaper Proprietors' Association on April 4th. Lord Riddell will preside.

THE Lord Mayor of London (Sir William Waterlow) will propose the toast of "The Association and the Papermaking Industry" at the annual dinner of the Papermakers' Association on March 13th at the Connaught Rooms, and the president (Mr. John D. Tod) will respond.

THE Lord Mayor of Leicester (Councillor W. E. Hincks), at the annual dinner of Leicester Centre of the Printers' Managers and Overseers' Association on Saturday week, proposed the toast of "The Association." Mr. A. H. Wilson (London), who replied to the toast, presented medallions in the form of replicas of the London presidential badge to Messrs. J. H. Linthwaite, W. G. Hubbard, and W. H. Bailey, past presidents of Leicester Centre.

MR. RAMSAY MACDONALD, the Prime Minister, unveiled at the House of Commons, on Monday, a panel recording the names of past Chairmen of the Lobby Journalists' Committee.

MAJOR WALTER GARDHAM, a well-known Leeds master printer, was summoned to attend at Buckingham Palace on Tuesday to receive the Order of the British Empire (Military Division).

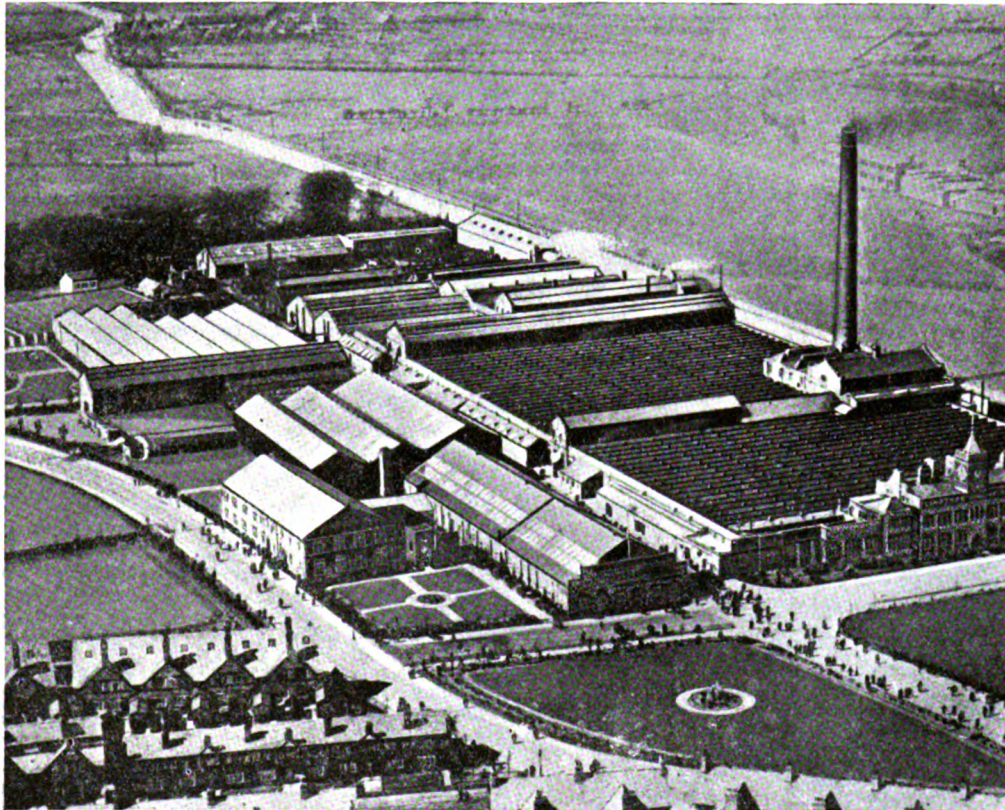
MR. GORDON WALKER (of Usher-Walker, Ltd.) has, we understand, decided not to continue his election campaign for the Shrievalty of 1931. Other liverymen have also signified their intention of coming forward next year, and he feels that his decision may benefit those whom he would not like to oppose. Be that as it may, he is definitely going forward in 1932.

MR. R. S. JOHNS, a well-known master printer at Newport, and a past president of the South Wales Master Printers' Alliance and of the Monmouthshire Master Printers' Association, has been appointed Provincial Grand Master of Mark Masonry for Monmouthshire.

LIEUT.-COL. GARWOOD and Mrs. Garwood (daughter of the late Mr. Frank Lloyd) have presented an open space, 22 acres in extent, to Croydon. The land verges on the popular resort of the Addington Hills, and is to be used as playing fields. It contains some very fine old trees, and the donors have requested that as far as possible these shall be saved.

MR. A. F. SERGEANT, managing director of Messrs. Lilywhite, Ltd., printers, of Halifax, is at present visiting the Leipzig Fair, and will to-day (Thursday) broadcast from Leipzig a comparison between the German Fair and the British Industries Fair. His speech is to be given in both German and English.

MR. GERALD BARRY has resigned the editorship of the *Saturday Review* as a protest against the decision of his directors to support Lord Beaverbrook's United Empire Party. It is understood that the staff and contributors of the *Review* have also decided to sever their connection with the paper.



THIS is an aerial view of the Works of Linotype & Machinery Ltd., in Cheshire, where over 2,000 work-people are regularly engaged in the manufacture of high-grade machinery for printers, including the Linotype, the Miehle, Centurette, **LM** Two-colour Letterpress Machine, **LM** Letterpress Perfector, **LM** Intaglio, and Autoplate machinery. ¶ In these Works skilled craftsmen convert the best of materials into the finest machines that printers can employ in their factories. From these Works also emanates a regular and complete service to users of **LM** machinery the world over.

LINOTYPE & MACHINERY LTD., 9 KINGSWAY, W.C.2

Printers' Historic Dinner

A Brilliant Yorkshire Function

It would be difficult to visualise a more ideal setting for a social function than that in which the dinner of the Yorkshire Master Printers' Alliance was held on Friday. The Mansion House at York gathers within itself all the valued associations in the way of history and art, which cling to that ancient city, and one's enjoyment of the banquet could not fail to be enhanced by the memories of historic functions which had taken place within its beautiful State Room, by the pictures, the priceless gold and silver plate, and the decorations which made up the *mise en scène*. In a way, the dinner itself will be historic—for it was the

win and Mrs. W. H. Sessions (wife of the Alliance president); also Mr. Harry Cooke and Mr. J. A. Stembbridge (past Federation presidents), the Sheriff of York (Councillor G. W. Halliday) and Mr. D. Drysdale (Alliance president-elect) and their ladies.

PRINTER LORD MAYORS

The Lord Mayor of London, in proposing the toast of "The City of York," paid a high tribute to Mr. Sessions, whose election by Yorkshire printers to the presidency of the Alliance was not, he said, a matter of surprise to the rest of the country, as he was just such a one as they loved to honour. He also referred to Alderman Shipley who, as the Lord Mayor of York, filled a high position with the cordial approval of all his fellow citizens. His work as a member of the York Corporation for seventeen years had been marked with diligence, prudence and ability. As printers they were proud of being entertained in his Mansion House, which was the first residence of his predecessor as far back as 1726. Sir William's allusions to the rival claims of London and York to antiquity of office greatly amused his hearers. Both claimed to be the oldest city entitled to use the title of Lord Mayor. The librarian of the Guildhall in London admitted that the Lord Mayor of York claimed the title after the visit of Richard II in 1388. "We in London are more modest," he continued, "we have no direct evidence that the title of Lord Mayor was ever definitely created. Like Topsy, it seems to have 'grewed,' and though the phrase 'Dominus Major' was used as early as the twelfth century, the title could not be regarded as fixed until about 1535."

The Lord Mayor of York, in responding, said the Mansion House had been the home of Lord Mayors for 200 years, but so far as he was aware this was the first time three printer Lord Mayors had dined there at the same table. This did not exhaust the number of printers who were at present Lord Mayors—he mentioned incidentally the Lord Mayor of Nottingham, who had expressed regret at his inability to be present. This showed that printers did not fail to recognise their civic responsibilities, and many other members of the craft who had not attained to the honour of chief magistrate were nevertheless taking their just share in the civic life of their cities. To show the early appreciation of the advantage of organisation in the industry, he cited the fact that in the reign of Edward III "scriptors" engaged in making manuscripts in York had become so numerous that they had formed themselves into a separate company, and obtained the privilege of framing their own by-laws. He said they had not many industries in York, but two of these at least—chocolate-making and printing—proved that what they undertook to do, they did well.

The Lord Mayor of Birmingham proposed "The Federation of Master Printers and Allied Trades." He suggested that the reason why so many corporations had chosen printers as Lord Mayors was that the exercise of great carefulness in the spending of money in their own business qualified them for the careful use of the assets of the city. Comparing old cities like York with those of more recent origin, like Birmingham, he said the first Parliament was held in



MR. W. H. SESSIONS

first occasion on which a non-civic institution had held its banquet in this official residence of the chief magistrate. It was, moreover, the first annual dinner of the Alliance, and was probably unique in the number of mayoral printers dining at the same function.

The gathering was graced by the presence of the Lord Mayor and Lady Mayoress of York (Alderman and Mrs. C. W. Shipley), by whose kindness the Mansion House had been placed at the disposal of the committee. Mr. W. H. Sessions, of York (the Alliance president), was in the chair, and in addition there were present the Lord Mayor (Sir Wm. Waterlow, K.B.E.) and Lady Mayoress of London, the Lord Mayor of Birmingham (Alderman M. L. Lancaster) and the Lord Mayor and Lady Mayoress of Hull (Councillor and Mrs. R. Richardson), all of whom are associated with the printing industry. Other honoured guests were the president of the national Master Printers' Federation (Mr. William Maxwell) and Mrs. Maxwell, the Federation director (Mr. A. E. Goodwin), Mrs. A. E. Good-

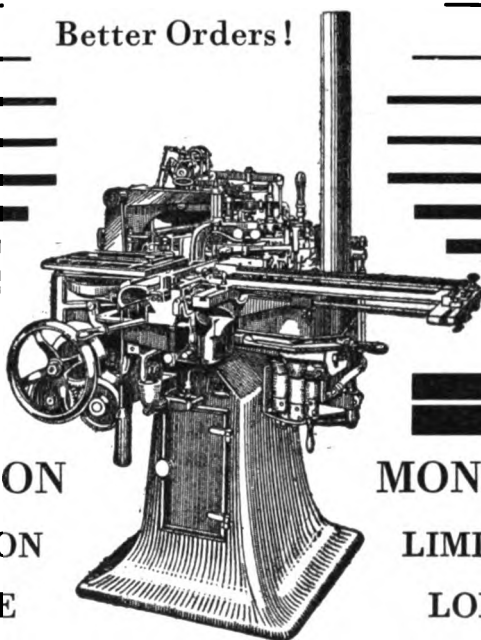
There's life and active service

in every pound of "dead" metal which now
encumbers your plant—at a cost. But to keep
type "alive" and eliminate distribution
expenses, storage and replacement ex-
penses, you will need the "MONOTYPE."

"Novelty" display types need not mean
heavy investment. Hire "Monotype"
display matrices and melt down
yesterday's fashion to cast

to-morrow's Bait for

Better Orders!



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CORPORATION
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**MONOTYPE
LIMITED
LONDON, E.C.4**

"MONOTYPE" SET

York—"What a responsibility!" was his comment. The first Archbishop was enthroned in York, "perhaps because there they needed him most."

The toast was supported by the Lord Mayor of Hull, who twitted the Lord Mayor of London on his claims by stating that the title of Lord Mayor of Hull was not assumed, but conferred. He mentioned the fact that Yorkshire had provided no fewer than five Federation presidents.

PRINTING PROGRESS

The Federation president, in replying, recounted many names of Yorkshire printers who had done yeoman service to the Federation and their craft. He said the industry was organised for the dissemination of knowledge and for service. It was the handmaiden of the crafts, and therefore, the greatest of the crafts. It tried to maintain equipoise between those whom it served and those who served it. He spoke of the rapid changes taking place in the methods of production, instancing half-tone, three-colour work, and offset lithography as a few of the revolutionary changes that had taken place within his lifetime. He paid tribute to those amateurs, who in the early 'nineties had, by their example, inspired others to nobler and more beautiful work.

Replying to the toast of "The Yorkshire Alliance," proposed by Mr. A. E. Goodwin, the Federation director, who had stated that the Federation was born in Leeds, Mr. W. H. Sessions, the Alliance president, extended a warm welcome to the guests, and thanked all who had contributed to the success of the occasion. He said Yorkshire did seem to have put up to the Federation a lot of ticklish questions, but that did not impair the high friendship existing between himself and the Federation president. Yorkshire was trying to pull its weight in the organisation. There was the necessity for being alive in the interests, not only of the industry, but of the community. Governments at their best could only help others to increase trade. It was for business men to solve the problem of permanent work for those who were unemployed. The printing trade could do much to focus the attention of business men on a fighting policy. Much of the work of the printer was in connection with increasing the sale of goods, and increased sales meant increased employment. Printers must do more than sell just printing, they must sell ideas.

B.I.F. Record

Now that the British Industries Fair is over, and the organisers have had time to compare the results with those of last year, it has been ascertained that all records have been broken, both as regards attendance and the business accomplished at the Fair.

Definite orders totalling over £5,000,000 have been placed by home and foreign buyers during the two-weeks' run of the Fair, and in addition, there have been thousands of inquiries, from foreign buyers particularly, the ultimate value of which in trade cannot be estimated.

Visitors to the Fair numbered 200,000, compared with 147,000 last year, and of this total, trade buyers from home and overseas accounted for about 155,000, against 114,710 in 1929. This leaves a total of about 50,000 of the general public, compared with 32,000 in 1929.

Advertisements (Regulation) Bill

Rejected at Second Reading

After an exhilarating debate in the House of Commons last Friday, the Advertisement (Regulation) Amendment Bill failed to pass its second reading, as its supporters were unable to muster the necessary quorum of forty members in time to save it. Had the Bill been given effect, it would have given district councils considerable power to regulate or prohibit advertisements, which in their opinion injure local amenities.

In opposition it was urged that the Bill would affect printing, billposting, papermaking, advertising and other interests, and have an adverse effect on many other trades.

Mr. W. E. D. Allen, a Belfast Conservative M.P., and chairman of David Allen and Son, printers and billposters, said he had calculated that the Bill would reduce the number of hoardings by 23 to 40 per cent., and create unemployment in the highly-skilled billposting trade.

Mr. T. E. Naylor pointed out the great effect which the Bill would have on unemployment, in seconding Mr. Allen's motion for the Bill's rejection, and Mr. George A. Isaacs also speaking in opposition, estimated that 20,000 people were engaged in the production and distribution of posters, apart from the makers of hoardings and persons in other related trades.

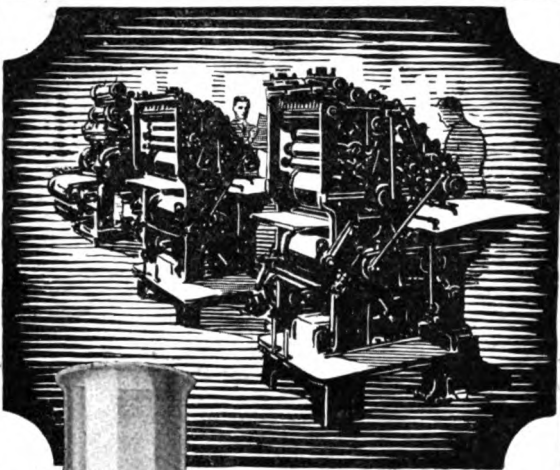
F.M.P. Annual Meeting

Arrangements for the annual gatherings of the Federation of Master Printers, to be held at Edinburgh from May 31st to June 4th, are now nearly completed. Always a conspicuous event, the meeting will this year be rendered especially notable by the presence of the Lord Mayor of London, Sir William Waterlow, K.C.B., who, along with the Lady Mayoress (herself a native of Edinburgh), intends to grace the proceedings.

The programme will commence on Saturday evening, May 31st, with a civic reception and dance. On Sunday, June 1st, there is a special afternoon service in St. Giles' Cathedral, followed in the evening by a concert and the Young Master Printers' dinner. On Monday, June 2nd, the master printers settle down to a strenuous programme of work, commencing in the morning with the Costing session, and followed in the afternoon by the Publicity and Selling session. On the same day there are the Ladies' Golf Competition, the Ladies' Tour, and in the evening a reception by the Scottish Alliance of Master Printers.

On Tuesday morning there will be the general meeting and also a Young Master Printers session, at which "Personal Salesmanship," and "Production Records" will be discussed. In the afternoon will come the Men's Golf Competition and visits to local places of interest. For the ladies there will be a whole day excursion to the Scott country, and in the evening, all will assemble for the Federation banquet.

Wednesday, June 4th, the last day will be given over to a steamer excursion on the Firth of Clyde, and a dance in the evening.



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Trade Notes

FIELD PRESS, LTD.—In order to meet the needs of family and other interests, the share capital of the Field Press, Ltd., proprietors of the *Field*, the *Queen* and the *Law Times*, is undergoing reconstitution, and in future the name of the company will be the Field Press (1930), Ltd.

AN extraordinary general meeting of the shareholders of Anglo-Foreign Newspapers, Limited, was held in London on Friday. Sir Robert Donald (chairman of the company) presided, and reviewed the history and present financial position of the company. A long discussion followed, during which a question was asked whether a committee might be appointed to represent the general body of shareholders, and the chairman said that the board would welcome such a suggestion. A resolution was passed expressing confidence in the chairman.

A DISPUTE at the Barnsley works of the Yorkshire Paper Mills, Limited, which arose through the refusal of the employees to accept wage reductions, was settled on Friday, work to be resumed at the earliest possible moment. The terms of the settlement were not made public.

NO PENNY POST.—The Chancellor of the Exchequer, in reply on Monday to a deputation from the Association of British Chambers of Commerce, said that if he had the money to spare he would be happy to restore the Penny Post, but its adoption would mean a loss of £7,000,000 to the revenue, which would have to be made up in some way.

THE Association of Master Printers of South-East London is to hold an "open" meeting for members on Tuesday next, at 6.30 p.m., at the Bridge House Restaurant, London Bridge.

A BOHEMIAN concert will be held by the North London Master Printers' Association on Tuesday, March 18th, at Central Library Hall, Holloway Road, N.1. Admission is by ticket, ladies being specially invited.

TECHNICAL EXAMINATIONS.—The next of the series of meetings under the auspices of the Stationers' Company and Printing Industry Technical Board, promises to be of special interest to students, the subject being "Technical Examinations." It will be held at Stationers' Hall on Friday, March 14th, at 6.30 p.m., when the following examiners will each give a ten-minutes' address on answering questions set at printing examinations: Lieut.-Col. R. F. Truscott, O.B.E., M.A., Mr. A. H. Wilson, Mr. W. G. Peer, and Mr. T. G. Bergin. This meeting will provide an opportunity for students to appreciate the view-points of those responsible for setting and adjudicating examination papers. At the same time it will allow for an expression of opinion from both technical instructors and students. Mr. J. R. Riddell, principal of the London School of Printing, will be in the chair.

THE tenth annual exhibition of work by members of the Society of Wood Engravers is now open at the Salon Club, and will remain open from twelve to seven daily till March 15th.

IN furtherance of their efforts to help printers towards better business, the Lanston Monotype Corporation has arranged to provide blocks illustrating the Monotype keyboard and caster free of charge for use in Monotype printers' publicity.

Trade Union Matters

T.A. AND "BALANCING TIME."—At a recent meeting of the executive council of the Typographical Association, consideration was given to letters received from the joint secretaries of the Joint Industrial Council on the question of balancing time and the proposed calling of a conference to deal with the subject. The Council decided that it could not agree to the question going before a Conciliation Committee and that the rules governing the question must be adhered to.

BARNARDO'S BOYS AND PRINTING.—The secretary of the Lincoln branch of the Typographical Association has reported to the executive council that a firm in that branch, who already have a full complement of apprentices, have been in communication with Dr. Barnardo's Homes with a view to taking on two youths in the composing and machine rooms. He understood that the governors of the Home were advertising for printing firms to find openings for the youths. So far as he could gather, the youths had been in a technical school for about four years. He had notified the firm that the introduction of these youths could not be allowed and the executive council have approved his action.

NATSOPA AGED MEMBERS' GRANTS.—The officials of the National Society of Operative Printers and Assistants are inviting applications for the aged members' grants of 12s. 6d. a week, a number of which are still available to be granted at the discretion of the executive council.

ROTARY MACHINE INSTRUCTION.—At the last meeting of the executive council of the National Society of Operative Printers and Assistants Mr. G. A. Isaacs (general secretary) stated that he had accumulated a great deal of data relating to the handling of rotary presses and had obtained the consent of the press manufacturers to provide lantern slides to enable lectures to be given. The executive council decided to ask Mr. Isaacs to give experimental lectures in London and Manchester, and subsequently to prepare a handbook for the use of their members employed on rotary presses.

OVERTIME RATES.—The Leeds branch of the Typographical Association, in an instruction to members concerning work on Sundays, quote the Association rule which provides that "any member required to work overtime which is not continuous from the usual hour of ceasing, nor within two hours of the usual time of starting work, shall be entitled to an additional hour's overtime, over and above the hours worked, as call money." The application of this rule, so far as applies to Sunday work, has been disputed by some Leeds employers, and payment has been withheld while the matter is in dispute. The Leeds branch committee are unanimously of opinion that the clause does apply to Sunday work, and that it can bear no other interpretation. This position is endorsed by the executive council, but conferences with the Leeds employers have been held without result. In the meantime, continues the instruction, instructions have been issued to the Leeds master printers by the Master Printers' Federation not to pay the allowance claimed for Sunday work, and in consequence the Leeds branch of the Association have now issued orders to decline all Sunday work unless a specific assurance is given in advance that payment will be made in accordance with the clause as interpreted by the Typographical Association.

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Printers and Paper-Suppliers

Value of Co-operation

At the annual dinner of the National Association of Wholesale Stationers and Paper Merchants, held at the Trocadero Restaurant the other day, there were notable references to the growth of co-operation amongst the various sections of the paper and allied trades. The retiring president, Mr. W. A. J. Foster, was in the chair and proposed "The Association," response being made by the new president, Mr. Sydney Spalding; "The Paper Industry," was given by Mr. A. P. Burt, with responses from Captain W. E. Nuttall and Mr. G. E. Oswick; and "The Visitors" by Mr. Dykes Spicer, who associated with the toast the names of Mr. Wm. Maxwell (president of the Federation of Master Printers) and Mr. Harold Jackson (president of the British Paper Bag Federation).

Mr. A. Dykes Spicer referred to the pleasure of seeing Mr. Wm. Maxwell, the president of the Federation of Master Printers among them. It was one great source of satisfaction, he said, that during the time their Association had been national—in other words, during the post-war years—they had come to have basic and satisfactory relationships with the Federation of Master Printers and had worked in close harmony with them. Each succeeding president of the Federation of Master Printers had done his part, but they owed a deep debt to Mr. A. E. Goodwin, the Director of the Federation, for all he had done to create that harmony. They congratulated Mr. Maxwell on his year of office, and especially for that wonderful exhibition of printing which was exhibited in the streets of London during the Lord Mayor's Show.

Mr. Wm. Maxwell, replying to the toast, said that, after considerable experience of using the paper supplied to his firm, he had come to regard papermakers as friends. He had found on every possible occasion when there was any difficulty in regard to their paper, they could always sort it out by going to the supplier direct rather than to the publisher. That was a policy he would commend to all his friends, because it made for happiness. Looking at their list of guests, he realised how intimately all were associated in one great purpose. Their interests were as one and they realised that very soon their customers became their friends by reason of the service they gave them. He was sure that Mr. Tod always saw that his Association always gave good paper to those who consumed it, and if all the other gentlemen who were guests that evening gave of their best in service, not only prosperity but happiness would ensue for all of them. In a reference to standardisation, in which the late Mr. Howard Hazell had done such a great work, Mr. Maxwell observed that they would have to go further along the lines of scientific research. They in the printing trade were seriously considering at the moment the establishment of a scientific research bureau, and that bureau was something in which they, as printers and papermakers, ink-makers, and representatives of all the other interests attached to the one great industry of publicity, were very much interested, and to foster which they must do everything possible. The last generation had been fortunate in living in a period that had witnessed the greatest revival of printing the world had ever known. One after another, great stars had arisen; one after another

great amateurs had arisen to inspire them still further to more perfect printing; and the influence of that period was now world-wide, because those famous printers had more than merely created good printing, they created an interest in printing that was redounding to the advantage of every one of them. There was greater publicity to-day, more interest in printing, more consumption of paper, more employment of printers than in any period in the history of the world. They were all associated in that great movement, and it was up to every one of them to do all they could to make the paper and the print they put upon it worthy of the great crafts they represented.

Stationers' and Paper Manufacturers' Provident Society

The annual meeting of members of the Stationers' and Paper Manufacturers' Provident Society was held at the offices of the Society, 15, Dowgate Hill, Cannon Street, E.C., on Tuesday, February 18th. The chair was occupied by the Right Hon. Lord Ebbisham of Cobham, the president of the Society, and several members well known in the trade were present, among them being Mr. A. C. Clements (Clements, Newling and Co., Ltd.), Captain Guy A. Hodgkinson (Messrs. W. S. Hodgkinson and Co., Ltd.), Messrs. H. J. Chater, W. Horder, R. E. Kemp, H. C. H. Page, T. J. Phillips, J. Putman, W. W. Robinson, G. W. Rugman, Harrison Savory (Messrs. Savory Bros.), W. Scott, Francis C. Smith, S. Smither, H. J. Sullivan, C. E. Tasker, L. Ward and H. W. S. Wigg.

The committee's ninetieth report, presented by Mr. C. R. Walter Heath (hon. secretary) showed that four new members had been admitted and two members had died. The funds invested have been increased by £1,450 invested in the purchase of £681 2s. Local Loans 3 per cent. stock and £1,031 2s. 2d. Western Australia 5 per cent. stock, 1945/75. The investments and cash at the bankers at the end of the year amounted to £53,351 for the general fund and £4,730 for the residence fund.

During the past year the following benefits had been paid (in round figures): Annuities, £787; residence fund, £239; special grants under amended Rule 49, £362; temporary assistance, £46; funeral allowances, £31—total, £1,466. The total for 1928 was £1,567 and in 1927 £1,546.

During the past year three annuitants have died and one new annuity has been granted. The number of annuitants on December 31st, 1929, was 24, of whom six are members and 18 widows of members. The committee draw attention to their appeal for subscriptions and donations to the residence fund, as the income from this fund enables them to increase the amounts paid to annuitants under the rules.

The chairman congratulated the Society upon its strong financial position, and emphasised the necessity of young men engaged in the trade taking advantage of the benefits conferred by the Society. He instanced the case of an annuitant who had been in receipt of an annuity for over 28 years, and had received altogether over £1,200 from the Society, for which her husband had paid £24 19s. to the Society.

The accounts for the past year were adopted, and the retiring officers and members of the committee were re-elected.

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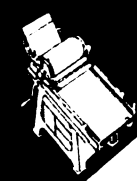
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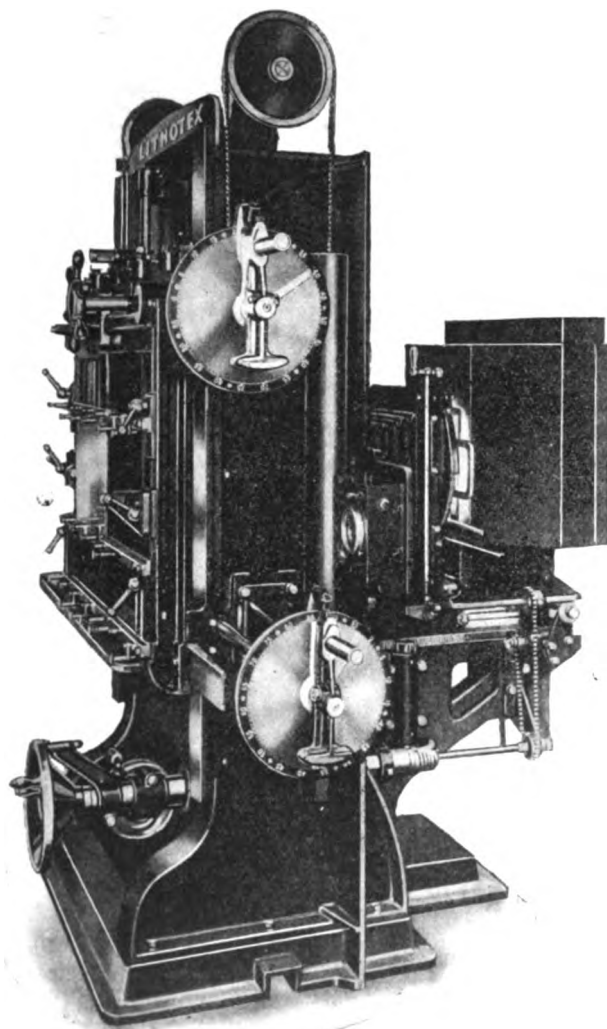
Printing-Down and Machines Therefor

By CHARLES HARRAP

In the article in the *British and Colonial Printer* of February 6th, the above-named subject was dealt with from the standpoint that the craftsman himself produced both the negative and multi-negative result

made; and so on until the plate was full. In this case the exposures were long (3 to 4 mins.) every time—as long as the recognised time for any single exposure upon sensitised metals.

Soon after this invention, Messrs. Miller and Motley made an apparatus for the same purpose, but it was designed to work in what may be termed a reversed manner. The object was to produce a multi-negative



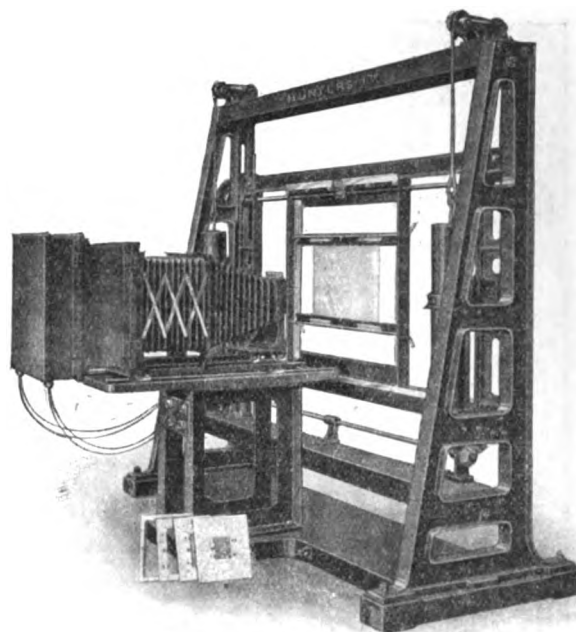
"LITHOTEX" PATENT STANDARD STEP-AND-REPEAT MACHINE

For Multi-Negatives up to 3 in. by 25 in.

upon the sensitised metal printing plate without the use of any of the accurate mechanical appliances now in use.

Since 1912, following the invention of the Huebner-Bleistein Co., there have been several good machines made for producing multiple images, either as multi-negatives or as multi-repeats on the printing plate.

In the Huebner-Bleistein method, a negative was held rigidly near a sensitised zinc plate, and an exposure was made. The zinc plate was then moved by fine gearing to the next position and another exposure



STEP-AND-REPEAT MACHINE

(Hunter-Penrose, Ltd.)

of the total number of images required by exposing a photo-sensitive negative plate to a positive on glass. The large plate was carried in a frame, which could be moved by fine gearing to any fractional distance required for setting out the full size for the printing plate. In this case it will be seen that each actual exposure would occupy only a few seconds, and that the final printing on the metal plate would require only the same time as one single exposure in the other apparatus mentioned above.

The advantage then held by Huebner-Bleistein method was that very large plates could be produced entirely in the one operation, without handling large glass negatives.

Mechanical appliances of this kind in which photography plays its part are known as "step-and-repeat" machines. The Huebner-Bleistein model is on the market and is in use in America. The Miller and Motley machine is in the hands of Pictorial-Machinery Ltd., London. It has been improved and brought to a high state of efficiency, and in consequence of its high efficiency other machines have been constructed as adjuncts to the general principle. This step-and-repeat machine is known as the "Lithotex."

Messrs. Hunter-Penrose, Ltd., also make an efficient step-and-repeat machine, which performs similar work.

At present these two are the only machines of their kind made by British firms. It will be gathered from the description above, that these machines are used for making multi-negatives for monotone or colour work. Their accuracy of adjustment has been fully proved

produced and then printed-down several times upon much larger machine printing plates.

In a machine of this construction, where a negative or positive is focussed on the photographic plate, the subject may be reduced or enlarged. The adjustments of the "Lithotex Junior" will permit of reductions to two-thirds or enlargements to double the size.

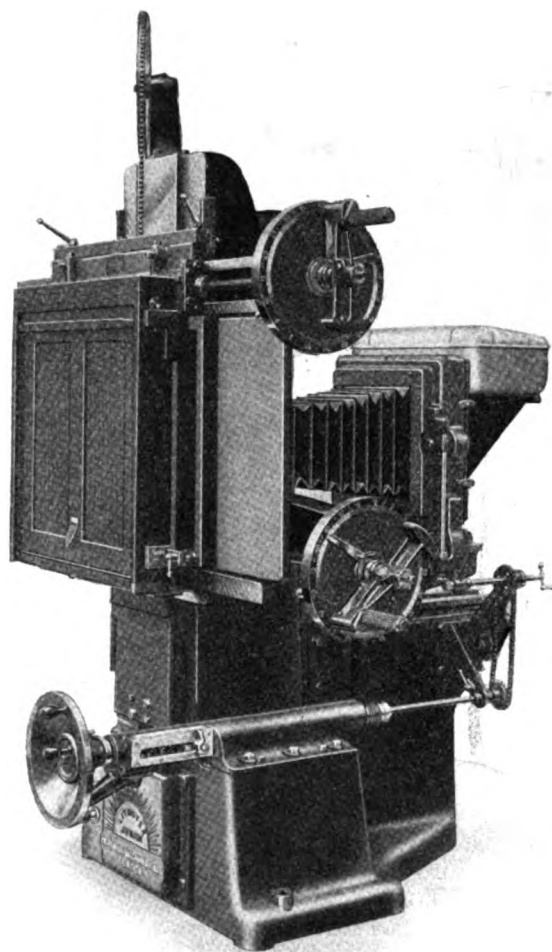
The exposures are automatically controlled, and the source of light is a mercury vapour lamp. As the sensitive plate is carried in a dark slide, and the whole camera and mercury lamp are enclosed, the machine can be used in daylight. The machine is new and only awaits the recommendations of practical users to insure its popularity. In most features it resembles the original "Lithotex" step-and-repeat machine for making negatives up to 35in. x 25in.

In deference, it may be said, to users of smaller plates, and users of plates which require only a small number of repeats, several machines have been made for the actual printing-down upon sensitised metal printing plates of a suitable number of repeats from a single negative.

The Huebner-Bleistein Co. has such a machine; the Ogden machine is for the same purpose, and the source of light is placed under the machine to insure, with other precautions, that the machine could be worked in daylight. Messrs. Pictorial-Machinery, Ltd., have produced the "Printex Junior," with lighting from above, and so safeguarded as to allow of its use in daylight.

Messrs. Hunter-Penrose have introduced a similar machine, known as the "Repetex," which can be used in daylight.

Machines of this character can be fitted with time-exposure clocks, to avoid over or under exposure, which is liable to occur when it is left to individual operators to rely upon watch timing.



"LITHOTEX JUNIOR" PATENTED STEP-AND-REPEAT MACHINE

For Multi-Negatives up to 20 in. by 20 in.
(Front View: Dark Slide in Position.)

by the large number of plates produced for printing. It is a distinct advantage to use these machines, as the multi-negatives can be used at any time for repeat orders, and to make new printing plates from in case any plate is damaged in the course of working.

The "Lithotex Junior" (Feb., 1930) step-and-repeat machine which is the latest for making multiple negatives has been designed to meet the requirements of those firms who want negatives not larger than 20in. x 20in. This size has been in demand for some time: its absence has caused many craftsmen to adopt means such as already described for making small multiple negatives in the printing-down frame by careful hand work or in the "Printex Junior" machine. The thoughtful craftsman will see that by using this smaller and less expensive machine a multi-negative can be

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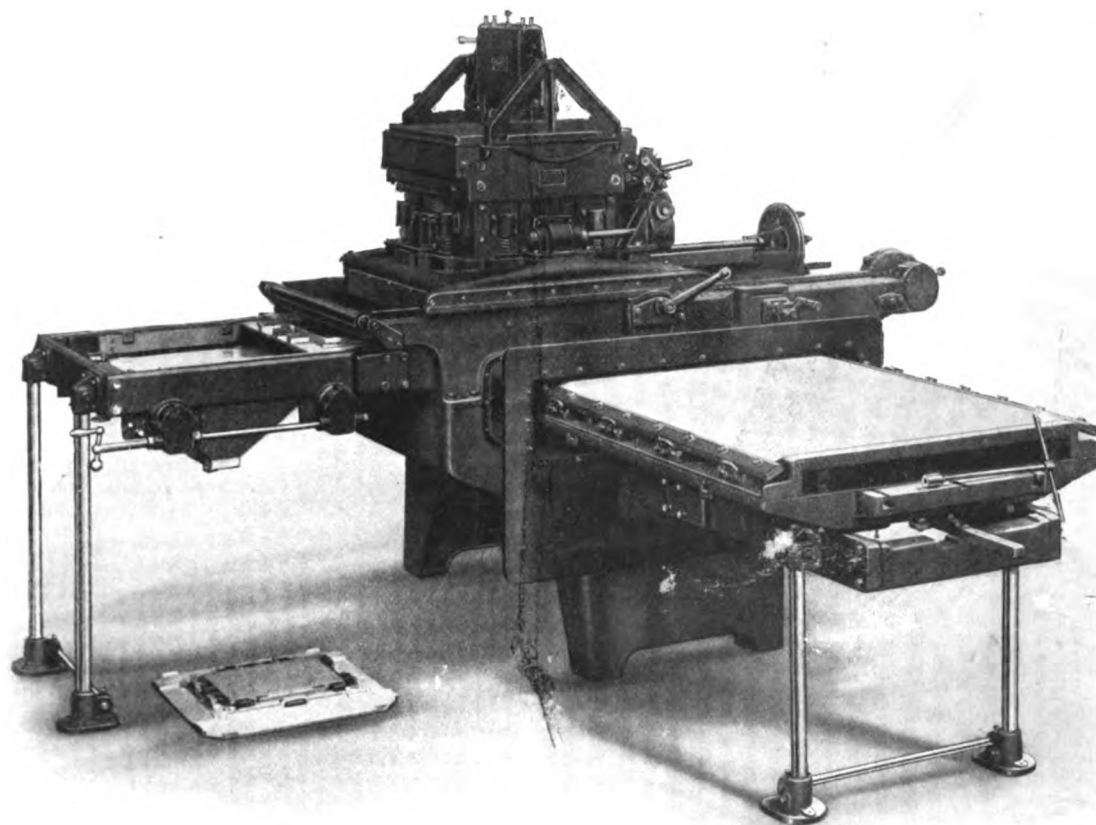
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Such machines as these have met a distinct need in large printing works, although the actual printing plates produced are the only originals made, and when again required have to be made up again in the photographic repeating machine from the original single negative. It is upon this matter that the multiple negative has a distinct advantage for preserving as an original. It will be readily seen that multi-negatives can be made in these "smaller" machines by proper fittings being

x 12in., 20in. x 16in. and 24in. x 20in. The outstanding feature is that only one movement is necessary to close and clamp the blanket to the glass. It can also be made in slightly larger sizes. Although it is constructed primarily for photographic printing, and printing-down single images on photo-litho. plates, it is still available for multiple work by any craftsmen capable of using effective masks.

The machines described are all of value in printing



"PRINTEX JUNIOR" MECHANICAL NEGATIVE PRINTER

(Showing Device for Squaring and Setting-up Negatives, and Method of Loading Metal Plates)

added to accommodate the photographic sensitive plate and working in non-actinic light.

There are still more mechanical appliances for printing-down multiple images. They are in reality aids to personal hand work, and are not actuated by fine cog adjustments set to accurate measurements as in the step-and-repeat machines or those of the "Repetex" type.

These simpler appliances have finely divided scales in the framework of the ordinary printing-down frame, and bars or bridges across the frame, engraved with fine scale measurements. These bars can be moved to any required distance to give a line to which the negative can be set. In the other direction of the frame there are stops set on the scale to give the distance for the placing of the negative. The use of these frames materially assists the operator in speed of producing a multiple machine plate from one negative. Such frames as these are made by Messrs. Hunter-Penrose, Ltd., and George Mann and Co., Ltd. They are used in the same way as the ordinary pneumatic (vacuum) printing-down frames.

The "Soho" vacuum frame is a light, handy frame, made, at present, in three sizes, for negatives 15in.

houses where the amount of work is large and of daily occurrence. There are, however, many firms where the need of machines is so small that it is better to have the plates made up in photo-studios fully equipped for the purpose, or to make up multiple plates by methods which require less expensive apparatus.

In making up multi-negatives by stripping methods, or using paper negatives or film negatives, or bromide prints, it is clear to all who have any experience of these materials that in the course of their manipulation there is trouble due to stretch. The amount of expansion can be kept down by careful treatment, but it is practically impossible to insure accuracy of measurement for use in colour work. The slight alteration of dimensions is of little consequence for work in one colour, and may prove economical in many cases.

The first point in such work is that whatever material be used, the object is to make up the full-sized glass plate with a series of negatives of the same or different subjects, for printing-down upon the printing machine stone or plate. If for direct printing, the negatives must be reversed: if for offset printing, negatives must not be reversed.

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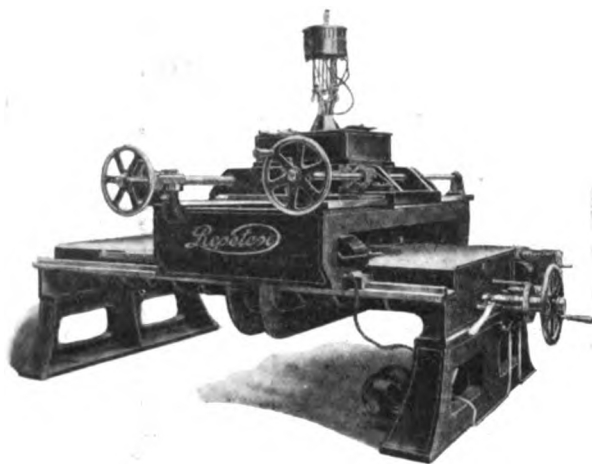
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In many cases the use of paper negatives is satisfactory. These negatives are made from positives on glass or paper. The positives are made by exposing a negative in contact with a sensitive photographic

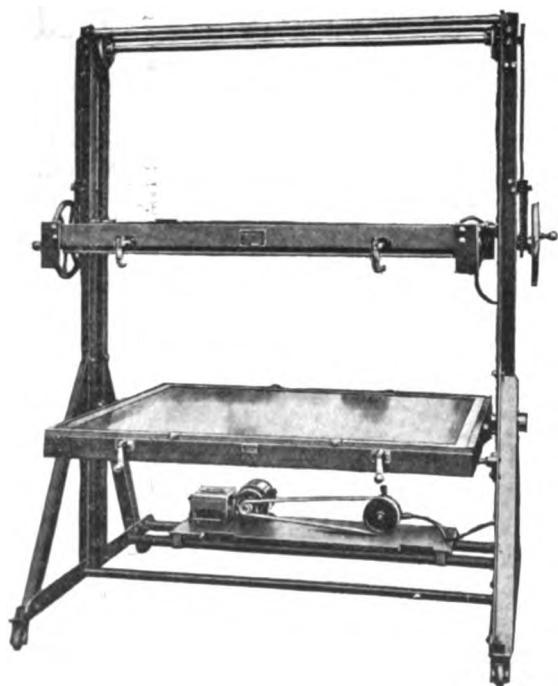
paper" in a photographic frame, providing that there is printed matter on one side only: when both sides of the paper carry printed matter, then recourse must be made to the use of "reflex" paper, as effected by the Typon method.

The patching-up of the paper negatives must be done with a semi-dry mountant, such as photographic



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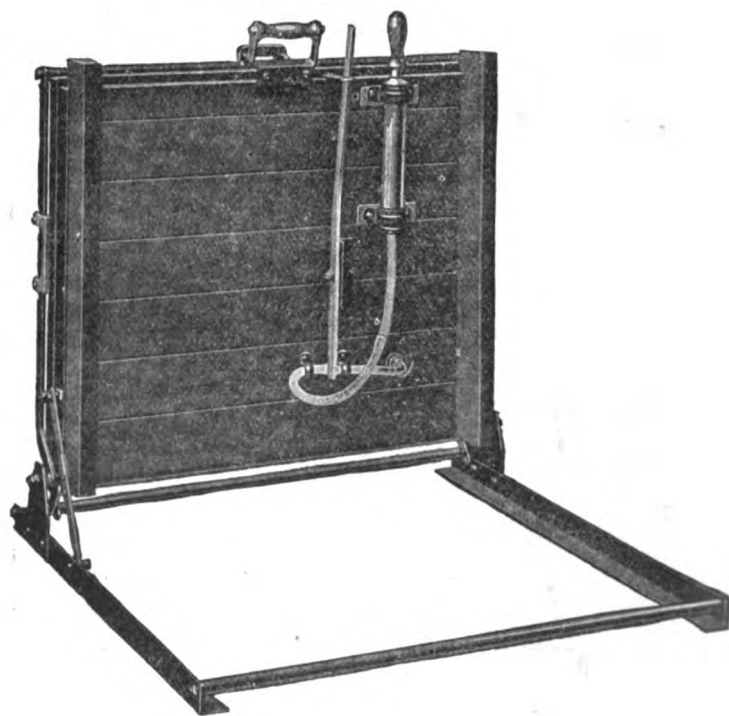
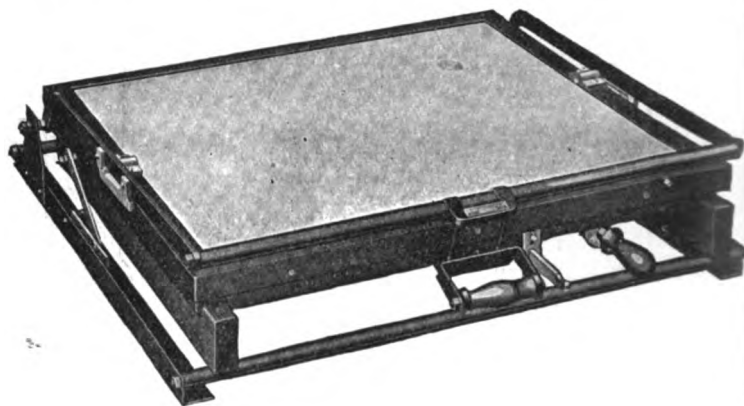
plate (glass or paper), in a spring-back frame, for subjects up to 8in. x 10in.; for larger sizes the exposure should be in a screw-pressure frame or a vacuum frame. The positive having been correctly developed,



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and if necessary also intensified, it is used to produce as many negatives as required for the lay-out. Each one is fully developed, fixed and dried, and can be patched in the positions of the lay-out on a large sheet of glass, celluloid or glassine paper. Cellophane is the best transparent "paper" to use, but it is expensive. When the subject to be made up is printed matter, the actual print can be exposed in contact with "negative



SOHO-BORDMAN VACUUM FRAME

mountant. A gelatinised glue mountant is useful; so is a soft medium made by diluting and melting letterpress roller composition.

From these sheets of mounted negatives the machine printing stone or plate is made in a vacuum printing frame, in the same manner as already described in this and previous articles of this series.

Another method of producing a multiple negative is to make a number of positive prints on bromide paper; develop, fix and dry them. These can be patched-up firmly and flat on a board, and from that a negative of the whole made in a camera, ready for exposure on the machine printing plate. In this case, as the plates are large, the exposure must be in a vacuum frame.

Jubilee of the Half-Tone Mr. S. H. Horgan's Enterprise

Tuesday of this week is a date worthy of rubrication in the printer's calendar, as it marks the fiftieth anniversary of the publication of the first commercial half-tone block.

On March 4th, 1880, the *New York Daily Graphic*, the first illustrated daily paper, published a half-tone

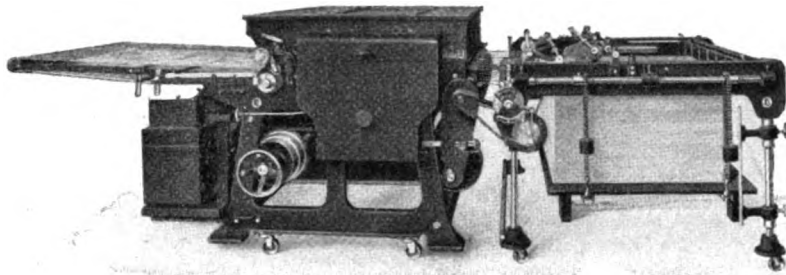
illustration as a result of experiments in the use of cross-line screens, made by Mr. S. H. Horgan, then a young man in charge of the paper's process room. The development was followed up, and the half-tone process came into regular successful use in that newspaper.

Mr. Horgan, now 76 years old and settled in London, has many interesting recollections of the earliest successes of the half-tone process and its gradual conquest of a great part of the field of pictorial printing.

THE LAST WORD

IN BRONZING MACHINES

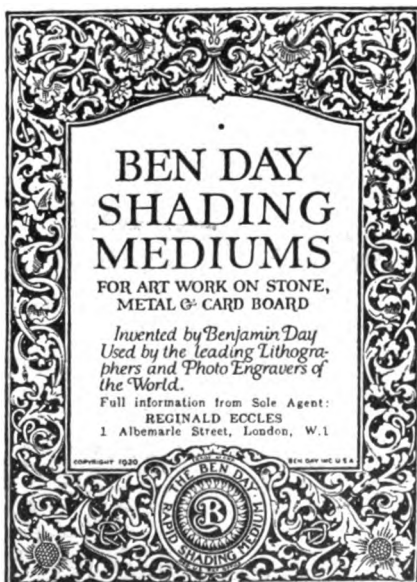
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Who's Who

LITHO AUXILIARY'S NEXT CHAIRMAN

Due largely to the efforts of Mr. Frank Heywood, the energetic and successful president of the Lithographers' Auxiliary, Mr. G. T. Foxon has kindly consented to occupy the chair at the next concert of the Lithographers' Auxiliary at the Cannon Street Hotel on March 31st, when another effort will be made to raise funds for the Printers' Pension Corporation.

Mr. George Thomas Foxon, who, of course, deserves to receive the full support of the industry on this occasion, was born in 1881. He spent the most of his



MR. G. T. FOXON

school days at Sir George Monux Grammar School, Walthamstow. For the first three years of his business life he was engaged at the Thames Iron Works, and in 1901 he entered the services of Bradbury, Wilkinson and Co., Ltd., the well-known London lithographers and printers, who were then in Farringdon Road. He became a director of the business in 1916.

Mr. Foxon has always taken an interest in the Printers' Pension Corporation, and this year he is president of the Printing and Allied Trades Miniature Rifle Association. In 1925 he took an active part in the Printers' Bisley, and was successful in winning the Printers' Gold Medal. In the realm of music Mr. Foxon finds pleasant recreation. He possesses a very fine tenor voice, and until the claims of business made it impossible he did a good deal of work as a vocalist.

The *Cardiff Weekly Mail* has just celebrated its diamond jubilee.

The Cornwall Press

The excellent relations existing between the Cornwall Press, Ltd. and the employees of the firm was again evidenced at the annual dinner of the composing department, held on Saturday evening at Anderton's Hotel, where over a hundred gathered under the chairmanship of Mr. J. Griffiths (director and works manager), who was supported by his deputy (Mr. S. G. Baker), Mr. Cyril Smith (secretary of the Company), Mr. T. C. Bell (the overseer), and several other members of the managerial staff.

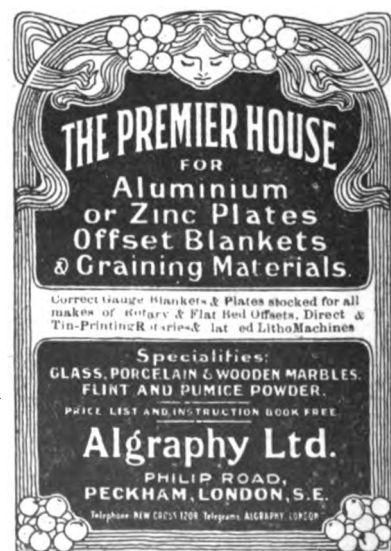
Mr. G. C. Edwards (father of the Compositors' Chapel), in proposing the toast of the firm, commented on the sympathetic consideration that was always accorded by Mr. Griffiths and his co-directors to any representations made on behalf of the Chapel. He also took occasion to refer with regret to the impending departure of Mr. Cyril Smith to take up another appointment at Coventry in connection with the firm of Messrs. Iliffe and Sons. By his tact and courtesy Mr. Smith had, he said, endeared himself to them all.

The toast was drunk with enthusiasm, and was replied to in suitable terms by Mr. Griffiths, and also by Mr. Cyril Smith.

During dinner an excellent programme of music was rendered by Messrs. E. Hudson (piano), G. Hill (violin), and H. L. Barnard (cello); and afterwards entertainment was afforded by a talented company of artists.

The whole of the arrangements reflected credit on Mr. G. C. Edwards (father), H. F. Addison (clerk), and the committee.

A TINT CHART.—Very convenient for the user of process blocks is a chart of "Tints" that has just been issued by the Nickeloid Electrotype Co., Ltd. Mounted on a stout board measuring 15½ ins. by 17½ ins., the chart shows specimens of 36 different tints available for laying on blocks. It is designed for hanging in the executive's office, to enable him to see at a glance a representative range of tints to aid his choice. A washable gelatine coating gives the chart a pleasing finish and also protects it from wear or soiling.



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Country News

ABERDEEN

NEGOTIATIONS have been concluded, it is understood, by Northcliffe Newspapers, Ltd., for the acquisition of a prominent site in Aberdeen. The purpose is the starting of a new evening paper in opposition to the papers of Allied Newspapers, Ltd.

BOURNEMOUTH

At the recent annual meeting of the Master Printers' Section of the Bournemouth Chamber of Trade, a visit was received from Col. R. F. Truscott and Mr. P. D. Michael, of the Home Counties Master Printers' Alliance. The members of the Section heard with considerable pleasure that it had been unanimously decided to hold the 1931 annual meeting and Congress of the Federation at Bournemouth, the probable date being May. About 600 delegates are expected to attend the Congress, the preliminary details of which were discussed.

BRADFORD

MR. E. M. FIELD, presiding at the annual meeting of Field Sons and Co., Ltd., printers, Bradford, said it was hoped that the company's new factory at Lidget Green would be ready about the end of the year.

COLCHESTER

At the first meeting of the Colchester and Ipswich Joint Industrial Council for the Printing and Allied Trades, held last week, Mr. T. Willcox was elected chairman; Mr. C. Harrison, vice-chairman; Mr. H. Cross, Treasurer, and Messrs. C. Hanson and S. A. Ford, secretaries.

FLEETWOOD

An appeal against the derating of the shop and printing works of Printers (Fleetwood), Ltd., 1, North Albert Street, by the revenue officer for Fleetwood (Mr. Herbert Nuttall) was successful at Preston Sessions. For the appellant, it was argued that the primary use of the premises was that of a retail shop. The works were small, and subsidiary to the business of the shop. For the respondent, it was submitted that the premises were used primarily for printing, there being £1,000 worth of machinery for that purpose; six people were employed in the works, and only one girl in the shop; the manufacturing part of the premises was five times larger than the shop. Sir James Openshaw (chairman of the magistrates) announced that they had concluded that the premises were primarily used as a retail shop, and the appeal was allowed with costs.

GRAVESEND

THE directors of the *Gravesend and Dartford Reporter*, of which Mr. G. Sandford, J.P., is chairman, are to be congratulated on their progressive policy. Recognising the town's continued expansion, and the growing importance of the North Kent and South Essex districts, where the paper largely circulates, considerable enterprise has been shown in order to be well ahead of present-day requirements. Not only has the general printing works been modernised, but additional buildings have been erected for housing at an early date what is aptly described as one of the finest rotary printing presses to be found in a provincial weekly newspaper office. The recent staff dinner, under the chairmanship of Mr. A. Witt (managing director), strongly evidenced the pleasant relations existing between the directors and their employees.

Mr. F. A. Mansfield and Mr. H. Austin (directors) emphasised their deep concern for the welfare of the staff, and expressed appreciation of the loyal service rendered by all departments.

MANCHESTER

MR. ELIJAH SANDHAM, Labour M.P. for the Kirkdale Division of Liverpool, and 10 other directors of the Workers' Northern Publishing Company, Limited, were each fined 5s. on Friday at the Manchester Police Court on a charge of publishing a lottery in the form of a Christmas draw on behalf of a publication called *Labour's Northern Voice*. The magistrates also ordered the defendants to pay jointly costs amounting to £5 5s.

ENTITLED "Broads' Types," a large cloth-bound loose-leaf volume reaches us from the printing house of Jesse Broad and Co., Ltd., of Old Trafford, Manchester. This not only gives evidence that the firm possesses a fine range of modern type-faces, rules, ornaments, etc., but, by its judicious choice and arrangement of the specimens shown, aids the type-user to visualise the effects that can be produced.

SOUTHAMPTON

At the last meeting of the Southampton and District Master Printers' Association, an interesting address, entitled "Some thoughts on our craft and its future," was given by Mr. D. R. King, secretary of the Midland Master Printers' Alliance, of Birmingham.

STOCKPORT

THE last monthly luncheon of the Stockport Master Printers' Association, held at the Cafe Cecil, synchronised with the 70th birthday of the president (Mr. R. J. Bailey, of the *Stockport Express*) and the vice-president (Mr. C. F. Browne) and Mr. W. Astle, J.P. (hon. secretary) in kindly phrase extended to Mr. Bailey on behalf of the members their warm congratulations.

STOWMARKET

THE printing works, goodwill of business, lock-up shop, and residence of the late Mr. John Newby, at Stowmarket, have been sold by auction, the lot being inclusive of printing machinery and plant. Bidding was not keen, commencing at £3,000 and, later, at the instance of Mr. Percy Tydeman, a sale was effected at £4,000.



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Commercial Review

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Dividends and Reports

YORKSHIRE CONSERVATIVE NEWSPAPER CO. (LTD.).—At the annual meeting in Leeds on Friday of this company, which controls the *Yorkshire Post*, the *Yorkshire Evening Post*, the *Leeds Mercury*, and other papers, the Hon. Rupert Beckett (chairman) expressed gratification at the progress of the business during the year. The report and accounts were adopted, and the meeting agreed to the payment of a dividend on the ordinary shares of 35s. per share, together with a bonus of 15s. per share, less income-tax.

New Companies

MILLS AND SONS (MANCHESTER), LTD.—Capital £1,000 in £1 shares; to acquire the business of printers, window ticket and poster writers carried on by the executors of T. S. Bryden at 54, Oxford road, Manchester, as "Mills and Sons." Private company. Directors: Mrs L. E. Bryden and E. Miller. Registered office: 54, Oxford-road, Manchester.

PLYMOUTH PROCESS ENGRAVING CO., LTD.—Capital £1,000 in £1 shares; photo process engravers, photographers, artists, designers, electrotypers, stereotypers, printers, book and print sellers, etc. Private company. Directors: Mrs. Florence V. Walling, Jose G. Walling and Miss P. Walling. Registered office: 1, Buckland-lane, Millbay, Plymouth.

REDDING AND SONS, LTD.—Capital £999 in £1 shares; to acquire the business of a printer, lithographer, bookbinder, stationer, paper merchant, publisher and advertising contractor, recently carried on by F. A. Redding at 49, Langham-street and 52, Campbell-street, New Wortley, Leeds, as "F. A. Redding." Private company. Directors: F. Albert Redding, F. Archer Redding and H. Redding. Registered office: 52, Campbell-street, New Wortley, Leeds.

BRITISH TRADE CATALOGUES, LTD.—Capital £5,000 in 2,500 to per cent. non-cumulative preference shares of £1 each and 5,000 ordinary shares of 10s. each; proprietors, managers, compilers, printers and publishers of books, catalogues, periodicals and pamphlets in connection with British international, colonial and foreign commerce,

trade and manufacture, publicity, organising, advertising and propaganda specialists, etc. Private company. Directors: G. A. C. Badham and L. W. Lower. Registered office: 356, Gray's Inn-road, W.C.1.

EATON'S SYSTEMS, LTD.—Capital £5,000 in £1 shares; inventors, agents and organisers of office accountancy and record keeping systems of all kinds, manufacturers of office furniture, etc., printers, engravers, publishers, etc. Private company. Subscribers: C. Eaton and J. H. Pickard. Registered office: 90, Victoria street, S.W.1.

WRIGHTMANS (BINDERS), LTD.—Capital £500 in £1 shares; manufacturers of and dealers in stationery, office equipment and furniture, printers, publishers, bookbinders, rulers, etc. Private company. Directors: F. D. Redman and H. Harrison. Secretary: H. Harrison.

G. J. FULLER AND CO., LTD.—Capital £2,000 in £1 shares (1,000 10 per cent. non-cumulative preference and 1,000 ordinary); to carry on the business of advertising novelty specialists and printers, formerly carried on by J. F. F. Fuller at 34 36, Oxford street, W., and that of bookbinders, leather goods manufacturers, box makers, metal workers, and pen and pencil manufacturers, etc. Private company. Directors: J. F. Finn, G. J. F. F. Fuller and C. J. J. D. Hart. Registered office: Central House, 34 and 36, Oxford-street W.1.

G DE BORDE, LTD.—Capital £1,000 in £1 shares; to acquire the business of a printer and stationer, bookbinder and pattern card maker, heretofore carried on by G. de Borde at Western-road, Leicester. Private company. Directors: C. L. Baker and G. de Borde. Solicitors: Owston and Co., Leicester.

DUNSTER AND WAKEFIELD, LTD.—Capital £1,000 in £1 shares; manufacturers of, agents for and dealers in paper, cardboard, strawboard, millboard and similar goods, etc. Private company. Subscribers: J. S. Wakefield (chairman), 535, Finchley-road, Hampstead, N.W.3, and Mrs. L. Wakefield.

VICTACREPE, LTD.—Capital £20,000 in £1 shares; manufacturers and sellers of crepe paper carried on by A. V. J. Dodd as the Victor Crepe Co., at 6, Gray's Inn-road, W.C., and that of stationers, printers, etc., and to acquire the trade marks "Victacrepe" and "Victor Crepe." Private company. Directors: A. V. J. Dodd and J. J. V. Taylor. Registered office: 6, Grays Inn-road, W.C.1.

Mortgages and Charges.

S. R. NEAL AND CO., LTD. (printers, etc., Leicester).—Particulars filed of £500 debentures authorised February 14th, 1930, charged on the company's undertaking and property, present and future, including uncalled capital (if any), the whole amount being now issued.

FANFOLD, LTD. (FORMERLY MANIFOLD FORMS, LTD. (printers, etc., London).—Particulars filed of £5,000 debentures, authorised February 13th, 1930, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued, and ranking *pari passu* with £10,000 debentures issued pursuant to resolution dated September 14th, 1928.

ENGRAVERS' GUILD, LTD.—Three Land Registration Charges (1) on 20, 21, 22 and 23, (2) on 24 and (3) 25 and 26, Cursitor-street, E.C., all dated January 30th, 1930, to secure £5,000, £500 and £4,500 respectively. Holders: Mrs. A. Love, 6, Warrior Square terrace, St. Leonards-on-Sea, and others.

WEST'S PATENT PRESS CO., LTD. (London).—Issues on Oct. 2nd, 1928, of £300, and on July 31st, 1929, of £300 debentures, parts of a series already registered.

THOMAS ROE AND CO., LTD. (advertising agents, etc., London).—Particulars filed of £400 debentures authorised

January 31st, 1930, charged on the company's property, present and future, including uncalled capital, the whole amount being now issued.

GOLDEN VALLEY PAPER MILLS, LTD.—Mortgage on the mill and freehold properties at Bitton and Swinford, Glos., and the company's undertaking and property, present and future, including uncalled capital, dated February 17th, 1930, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd.

MIDLAND PRESS EXCHANGE, LTD.—Satisfaction in full on December 18th, of mortgage debenture dated April 27th and registered May 17th, 1929, securing £500

Receivers Appointed or Released

COMMERCIAL PRINTERS (HULL), LTD. (printers, etc., Hull).—H. S. Carter, of Hull, was appointed receiver on February 12th, 1930, under powers contained in debenture dated January 2nd, 1925.

PHOENIX INDUSTRIAL SERVICES, LTD. (*Industrial Daily News* and allied journals, London).—A. Willmott, C.A., of 14, Old Jewry Chambers, E.C.2, ceased to act as receiver and manager on February 7th, 1930.

GEOFFREY HOLLAND OKIDRAS, LTD. (art and utility advertising contractors, etc., Liverpool). (Formerly Geoffrey Holland and Sons, Ltd.)—F. L. Williams, of 11 and 13, Victoria street, Liverpool, was appointed receiver on February 17th, 1930, under powers contained in instrument dated October 28th, 1929.

Company Liquidation

Re A. EGLINGTON AND CO., LTD. printers and publishers, 72A, St. Thomas's-street, S.E.—The statutory first meetings of the creditors and shareholders of this company were held last week at the Board of Trade offices, Carey street, W.C., before Mr. H. P. Naunton, assistant receiver. The winding-up order was made on February 3rd, upon a creditor's petition. The chairman reported that the company was registered as a private company on August 22nd, 1922, with a nominal capital of £3,000, in £1 shares, to carry on printing and publishing undertakings and to acquire the printing business of A. Eglington and Co. The managing directors, who were entitled to a remuneration of £500 per annum each, were Alfred Edward Thomas Eglington and H. R. Beckley, but the latter resigned office in June, 1928. Eglington had carried on business in partnership with Beckley since 1914 at 33 35, Crosby-row, S.E., and they decided to form a company to limit their liability. The purchase price of the business was agreed at £3,000. Both Eglington and Beckley applied and paid for 1,500 shares on August 25th, 1922, and the amount was returned to them in payment for the business acquired. The company's trading showed a net loss of £396 for the first year, but subsequently net profits of between £200 and £300 per annum. Debenture bonds were issued and on December 5th, 1929, Messrs. John Wm. Hinds, Birmingham, and Mr. A. J. Osborne, London, were appointed joint receivers of the estate. The failure of the company was attributed to expenses involved in the acquisition of new and larger premises and fitting them up with electrical plant without any additional capital being provided; also to loss sustained on work carried out whilst re-organisation was being effected. The liabilities were returned at £4,650, including the debenture claim of £1,500, and the assets were valued at £1,649. The receivers had realised £1,233 and a further £100 might be expected from the estate. A resolution was passed for Mr. Harry Lever, C.A., Chiswick House, 133, Finsbury-pavement, E.C., to act as liquidator, assisted by a committee of inspection.

Bankruptcies

Re FRED E. JUDD AND CO., wholesale manufacturing stationers, lately carrying on business at 146A, Queen Victoria-street, E.C.—The first meeting of creditors was

held on Monday at the London Bankruptcy Court, when a statement of affairs was submitted showing liabilities £1,447, against assets 6s. 5d., apart from bad book debts £287. The receiving order was made on February 18th upon the petition of the English Corrugating Paper Co., Ltd., and the debtor, Fred E. Judd, was adjudged bankrupt on the following day. He states, according to his preliminary examination, that a previous bankruptcy was recorded against him in June, 1906, under which proceedings a dividend of about 2s. in the £ was paid on liabilities of £6,618, and from which he obtained an order of discharge in January, 1907, by satisfying a judgment of £25. He then immediately resumed business at 4, St. Andrew's hill, Queen Victoria-street, E.C., as T. C. Sullivan and Co., but after a short time reverted to Fred E. Judd and Co., and traded until 1927, when he sold the business for £1,550, out of which he paid off a mortgage of £750. He then removed to 146A, Queen Victoria street, where he has since traded. His first serious set-back was in 1926-7, when a customer went bankrupt, and he lost £350, and that was followed by other book debts amounting to £600, which proved to be irrecoverable. Then two years ago he lost the custom of a company promoter, who had brought him in £1,500 per annum. In fact, the greater part of his trade was in connection with company work. He obtained orders, purchased the necessary stationery and contracted with trade firms to print the various documents. During the last three years trade had fallen away, owing to collapse of financial interests in the City, and it is now practically at a standstill. The debtor attributes his failure to bad trade, loss of custom, bad debts and loss of profit on advertising contracts. The estate was left in the hands of the official receiver to be wound up in bankruptcy.

Re WILLIAM KELLY, printers' engineer and furnisher, Darwin-street, Walworth, Dean street, Fetter-lane, E.C., and Wadding-street, Walworth, S.E.—The first meeting of creditors herein was held last week at the London Bankruptcy Court. The receiving order was made on February 13th, and the debtor has lodged accounts showing liabilities £755, to rank against assets £1,237, a surplus of £482. The debtor has stated in preliminary examination that in May, 1921, he started business as a printers' engineer and furnisher on his own account from his residence in Darwin-street, Walworth. In the latter part of 1927 he opened a workshop at 16A, Wadding-street, Walworth. He also obtained agencies for German manufacturers of printing machines, but early in 1929 he lost one of his agencies, which had been bringing him in an income of £250 per annum. In April, 1929, he opened a show room and office at 1A, Dean-street, Fetter lane, E.C., and commenced to deal on a larger scale in the sale of printers' tools, etc. His failure was due to the loss of an agency for a German printing machine. He was recently pressed by creditors, and decided to file his petition to protect the general body of creditors. Mr. A. A. Tweedie, accountant, 5, High Holborn, W.C., was elected as trustee.

PARTNERSHIP has been dissolved between L. M. Stally-brass and V. Kelsey, printers, 14, Ganton street, Regent-street, London, W.1, under the style of Fastlite Printings; also between F. W. Reed and B. Mulligan, commercial and general printers, 19A, Jack-lane, Holbeck, Leeds, under the style of F. and W. Reed and Co.

INVERSK PAPER Co.—At the annual meeting of the Inveresk Paper Co., Ltd., held in London on Tuesday, Mr. B. H. Binder, F.C.A. (the chairman) made a detailed statement of the company's affairs. He said that the company's troubles were mainly financial. A large number of the properties were sound and only required to be relieved of financial difficulties to enable them to yield satisfactory dividends. An important outcome of the meeting was that Mr. Harrison's solicitor said he was able to announce that Mr. Harrison and Mr. Binder had agreed to shake hands and bury the hatchet, and to work in the shareholders' interests and in those interests alone.

Rotary Press to Print Braille

An important advance in the production of newspapers and magazines for the blind has been brought about by the invention of a rotary press capable of printing embossed Braille type. One of these presses, the first to be erected in this country, is now being installed in the works of the National Institute for the Blind, where it will be used to "run off" the *Braille Mail*, the *Braille Radio Times*, the *Braille Punch*, and other periodicals published for blind readers by the National Institute.

Although the new press occupies only 50 cubic feet of room space, it is completely "self-contained." The paper travels from a roll attached to the back of the machine, and passes between two cylinders which simultaneously emboss both sides of the paper. This is then cut into sheets by a guillotine. The output is many times greater than that of any existing Braille press.

Officials of the National Institute regard the invention as one of the most valuable improvements that have taken place in Braille printing since Braille type was first introduced a century ago. It will give the blind a quicker and better service of newspapers and magazines.

In view of its importance to blind readers and its interest to printers generally, it has been suggested that the new press should be officially started by a representative of the printing and newspaper industry.

London Caledonian Press

A very pleasant function took place at the First Avenue Hotel, High Holborn, on Friday week, when the board of directors of the London Caledonian Press, Ltd., entertained at dinner the whole of their staff, many of whom were accompanied by their wives, together with representatives of the Iron and Steel Confederation, printing trade and other unions, and supply-houses, the party numbering close on 250.

The response to the toast "Officials of the Trade Unions," was in the capable hands of Mr. T. E. Naylor, M.P., while Mr. W. F. Moss, the managing director, gave "The Chairman, Our Customers and Our Friends," Mr. J. S. Middleton, organiser for the Labour Party, and the Rt. Hon. John Hodge replying, the audience showing their appreciation of their chairman's remarks by prolonged applause. The toast of "The Firm" was proposed by Mr. A. Bassett, of the L.S.C. Committee, supported by Mr. A. F. Bell (Fry's Metal Foundry).

Among the guests were Dr. Marion Phillips, M.P., Mr. John Baker, M.P., Mr. Wilson Howes and Mr. Arthur Pugh, O.B.E. The speeches were interspersed with a number of vocal items, all being greatly enjoyed.

The remainder of the evening was given up to dancing, which continued till the hour of twelve.

TENDERS

H.M. STATIONERY OFFICE

TENDERS to be delivered before noon on Thursday, 20th March, 1930, are invited for printing the "Official Paid" Forms for the Public Service—Group 617.

For particulars apply to the Controller, H.M. Stationery Office, Westminster, S.W.1, or to the Superintendent, H.M. Stationery Office, 26, York Street, Manchester.

PREPAID ADVERTISEMENTS

Telegrams: STONHILL, LUD, LONDON Telephone: 2439 HOLBORN

SITUATIONS VACANT

A LEADING Firm of Papermakers require **FIRST-CLASS REPRESENTATIVES** for London, preferably young, but with definite experience in High Grade Qualities; good opportunity for men with selling ability.—Apply, Box 15429.

SITUATIONS WANTED

COMPOSITOR, keen young craftsman (age 23) desires Post with a High-class Printing Office—Display, Layout, Stonework.—Box 15435.

THE Printers' Provident Association, 21, Charterhouse-street, Holborn-circus, E.C.1, is able to **SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR** for the Printing and Allied Trades, at short notice. No charge. 'Phone. Holborn 0527. 14695

PATENTS

NO. 248747, "Improvements in Manifold Devices." The owners of the above patent are desirous of arranging by licence or otherwise on reasonable terms for the manufacture and commercial development of the invention. For particulars address in the first instance to Herbert Haddan & Co., 31 & 32, Bedford Street, Strand, London, W.C.2

TENDERS

BROMLEY RURAL DISTRICT COUNCIL.

BOOKS & PRINTING & STATIONERY & OFFICE SUNDRIES

THE above-named Council invite Tenders for the supply of—
(a) BOOKS AND PRINTING.

(b) STATIONERY AND OFFICE SUNDRIES.
during the year ending 31st March, 1931.

Forms of tender may be obtained from the undersigned, and must be returned duly completed and endorsed "Tender for" not later than 12 o'clock NOON on THURSDAY, the 20th MARCH, 1930.

The Council do not bind themselves to accept the lowest or any Tender.

By Order,

LEONARD O. WALL.

Clerk of the Council.

Council Offices,
Crofton Pound Hill,
Orpington, Kent.
26th February, 1930.

METROPOLITAN BOROUGH OF HAMMERSMITH.

PRINTING, STATIONERY, ACCOUNT BOOKS, ETC.

THE Borough Council invites tenders for **PRINTING, STATIONERY, ACCOUNT BOOKS, ETC.**, for a period of three years commencing 1st April, 1930.

On or after 15th March, 1930, forms of tender, conditions of contract and schedules may be obtained from the undersigned, and samples may be inspected at the Town Hall, Hammersmith, W.6, between the hours of 9.30 a.m. and 4 p.m. on any weekday except Saturday.

Sealed tenders must be delivered to the undersigned endorsed "Tender for Printing, etc.," not later 12 noon on Wednesday, 26th March, 1930.

The Council does not bind itself to accept the lowest or any tender.

HUGH ROYLE, Town Clerk.

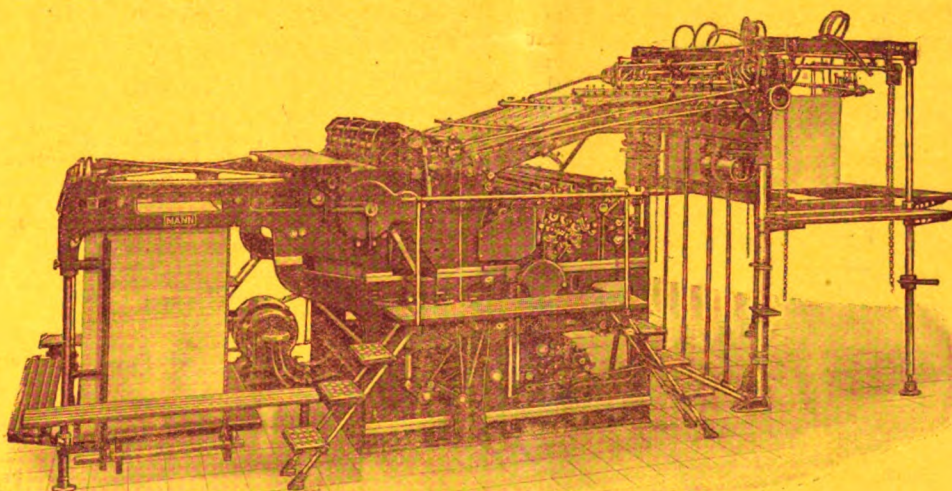
Town Hall, Hammersmith, W.6.
5th March, 1930.

**MANN
OFFSETS**

Machines of Distinction

The Most Modern Rotary Offset Machines
are equipped with

STEEL CYLINDERS—STEEL DRIVING GEARS
and many other working parts made of steel



Two-Colour and Perfecting Rotary Offset Machine with "Dexter" Pile Feeder.

ADVANTAGES:

INCREASED SPEED. GREAT STRENGTH. LESS HORSE POWER.
VIBRATION REDUCED TO MINIMUM. SMOOTH RUNNING MACHINE.

Mann's modern method of construction and manufacturing enables them to offer Rotary Offset Machines of Distinction capable of maintaining an average High Speed and Quality not equalled by any other make.

GEORGE MANN & COMPANY, LIMITED

The Offset Machinery Specialists

AMPTON STREET, Gray's Inn Road, LONDON, W.C.1

'Phone: "Terminus" 5741 (3 lines)

'Grams: "Lithoman, Kincross, London"

Cables: "Lithoman, London"

AGENTS:

Australia and New Zealand: R. COLLIE & Co. PRY., LTD., 194/196, Little Lonsdale Street, Melbourne, and 230, Clarence St., Sydney.

Also at Adelaide, Brisbane, and Perth

South Africa: W. H. SMITH & Co., 148, St. George's St., Capetown. India: GEORGE MANN & Co. (India) Ltd., 14, Clive St. Calcutta.

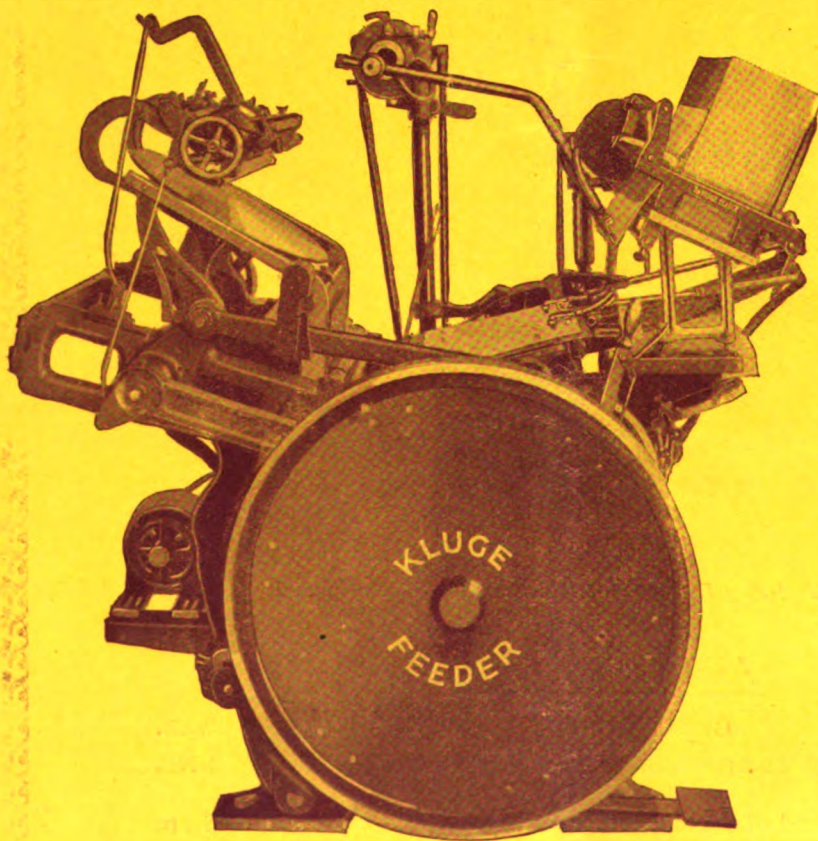
The Chandler & Price with Kluge Feeder

CROWN FOLIO 2,700

DEMY FOLIO 2,400 PER HOUR

The ideal Platen combining maximum output with ability to handle all classes of work with utmost simplicity. Suitable for long and short runs, guaranteed register and ability to print any job to full inside chase capacity.

*A Wonderfully
Efficient Machine at a
Moderate Price*



The Kluge Automatic Feeder has been specially designed and built for the C.&P. Platen and is worthy of the Machine. Different from other machines, the C.&P. with Kluge retains all important mechanical and technical features, particularly the long impression dwell and the wide platen opening, thus ensuring maximum output, and not merely speed. The Kluge Feeder enables a full size sheet to be fed and will handle a wide variety of stock including envelopes, bags, cards, thin papers, and book covers for imprinting. This speedy and efficient Automatic Platen is especially worthy of your attention and investigation.

*These Automatic Platens are now running satisfactorily in a number of
Printing Offices in Great Britain and Ireland.*

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H. W. CASLON & CO. LTD.

82 & 83 CHISWELL ST., LONDON, E.C.1; and at 9 Mosley St., Manchester

MAR 27 1930

"MONOTYPE" STANDS UP TO STEREO!

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The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

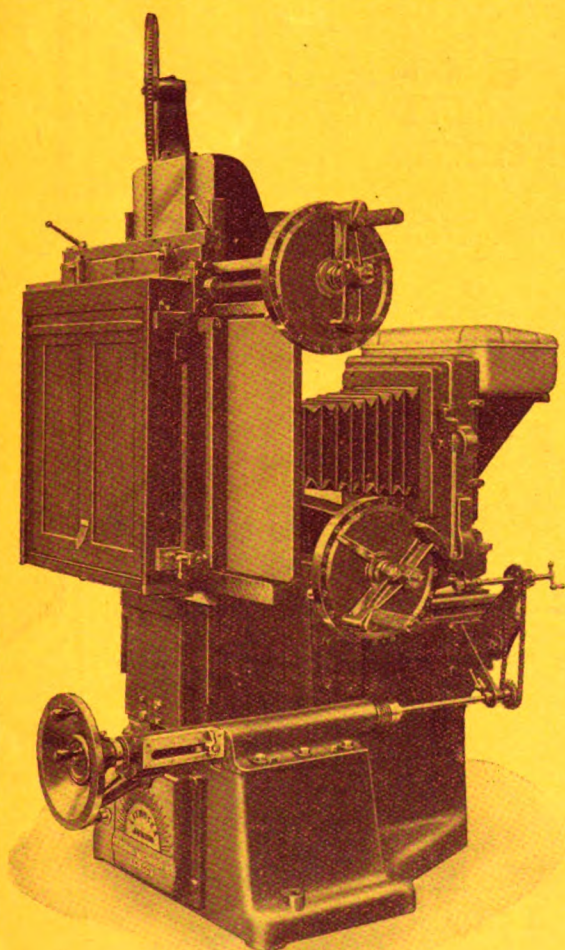
VOLUME 106
NEW SERIES No. 72

LONDON: MARCH 13, 1930

EVERY THURSDAY
PRICE THREEPENCE

Basildon Works,
Tottenham,
London, N.16

Millingtons for Quality Stationery



THE NEW "LITHOTEX JUNIOR" (Patented)
STEP-AND-REPEAT MACHINE

Precision Built Automatic Focussing
Daylight Operated

To The Master Printer

Do you realise that 60 % of all Printed Work Produced Throughout the World (Newspaper, Magazines and Books excepted) is from plates of

Duplicated Design

There is One Firm that Finishes and Despatches every 15 minutes of the day **5 TONS** of such Printed Work.

How much do you do ?

Whether you Print 2-up or 200-up by Offset, Letterpress, or Intaglio, a Multi-Negative made in the "LITHOTEX" Machine is the Master Key to your Successful Plate-Making, Saving you Infinite Time and Money.

We invite you to forward to our Technical Department your Plate-Making Problems as we maintain a Special Staff for help and advice.

PICTORIAL MACHINERY LTD.

7, FARRINGDON RD., LONDON, E.C.1

Phones : Holborn 1848-1849. Telegrams : "Pictograph London."

"Fryotype" Printing Metals

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**SPECIALISTS
IN PRINTERS'
BLANKETS AND
SUNDRIES SINCE
1800**

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Oilcans, Loco Oilcans, Palette Knives, Push
Knives, Roached Fibre & Long Grey Fibre
Lye Brushes, Grey Fibre and Black Bristle
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variety of other sundries needed in the
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AMPLE STOCKS—GOOD SERVICE

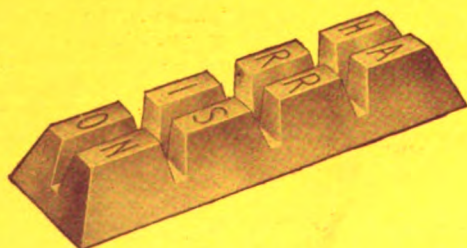
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FOR FINEST



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MALT STREET, LONDON, S.E.1.

TELEGRAMS:
DESTROYING
KENT
LONDON

The British & Colonial Printer And Stationer

FOUNDED 1878 — PUBLISHED WEEKLY

VOLUME 106
NEW SERIES No. 72

LONDON : MARCH 13, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

PRINTERS still complain of slackness of business throughout the greater part of the country, and in consequence are hacking into prices with a desperation worthy of a better cause. No more work is created by the lowered standard of selling charges, and no cheapening of production is effected as a counter poise to reduced selling price. Nor is there any understanding between one printer and another, or in the trade generally. Even in small provincial towns where there are only a few printers and a limited circle of customers, there is the same hurtful price-cutting and disregard for goodwill as in the larger cities. Normally there is a better understanding between small town printers than will ever be attained in the bigger centres, and the opportunities for loyal collaboration are, of course, far greater. Self-preservation is probably the dominant instinct when conditions are such as to cause alarm, and undoubtedly there is much in the present situation to cause acute anxiety in many quarters. The pity is that there is such obvious tendency to resort to instinctive action rather than reasoned policy.

* * *

A DISPASSIONATE survey of the subject would surely lead to the conclusion that the present is essentially a time when printers should collaborate and co-operate. There is a vastly greater need to face difficulties together now than to work in concert under conditions of prosperity. It may not be possible to introduce methods of control over competition and price-cutting in the larger centres,

but it should be a feasible proposition in those smaller places where there are a few printers of very similar calibre, each of whom has normally his own circle of recognised customers.

* * *

WE take the following note from a type-specimen book just produced by the Manchester printing house of Messrs. Jesse Broad and Co., Ltd. "Neglect to allow for adequate preliminary trimming of the full sheet and final trimming of the printed folder or booklet is a frequent source of trouble between those who lay-out or specify jobs and those who have to print them. Adherence to the table given will smoothen working relationships and prevent loss of time, temper and money. Another important point is

to make sure that the class of paper desired can be secured in the required flat size." The paragraph is followed by a table of trimmed finished sizes of flat papers and sub-divisions. From our own experience we can testify to the necessity of such caution or advice as is embodied in this quotation. Nor are advertising agents and layout men the only delinquents. There is many a printing office which makes the mistake of presenting a full-sized dummy, or of introducing "bleed" borders without regard to their effect upon grip, trim or allowance in the size of paper estimated upon. Often enough a larger sheet of paper has to be bought in order to give the customer what he has been led to expect from the dummy. A pet habit with

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some layout men and artists is to cut their covers for booklets from any available sheet, with an absorbing enthusiasm for appropriateness. The fact that many cover boards are made in one size only is of little moment until it becomes a real difficulty in the process of estimating or printing. Boiled down, it comes to a question of paper knowledge; and here it must be observed that scanty though the average printer's intimacy with paper may be, the great majority of advertising specialists know little or nothing beyond the fact that some papers are more pleasing than others.

* * *

THERE are many ways of aiming at the achievement of harmony and team work in industry, not all of them successful or disinterested. A great deal is claimed by the promoters of the several systems of direct appeal by means of specially-devised posters and leaflets for demonstration in the work peoples' departments. Most printers are by now familiar with the "Jim Smith" or "Jack Brown" idea, which takes for its basis a fictitious personage, whose philosophic phrases and homely quotations are pictured and mottoed in a weekly or monthly series of particularly well-produced posters. The contention of those who call upon printers to introduce these "helps and aids" is that the consistent appeal to the eye, mind, brain and heart of the worker eventually arouses and maintains a greater interest in work and a more responsible performance of it. In support of the contention there is the customary volume of testimonials, in which American names usually figure prominently. Nor have we any doubt that there is an element of value in the consistent presentation of a pictorial case for loyalty or for self-expression of the best that is in us.

* * *

WE certainly do need to develop harmony and team-work to the utmost of our ability, and by every straight device that is available. The problem is as deep and difficult as any other that has to do wholly with the human element. Without delving too much into detail, we should set forward as first essentials in the creation of enthusiastic team-work, adequate remuneration, good conditions, sympathetic management, the recognition of individual merit and closer association between the aims of the administration and the efforts of the operative.

Printing Trades Alliance

The influence of the Printing Trades Alliance towards the aim of industrial peace was emphasised at the annual dinner of the Alliance held last Saturday at the First Avenue Hotel. Mr. J. C. Hampshire presided, and the evening's entertainment included an excellent concert programme.

Mr. A. H. Farmer outlined the aims of the Alliance which he said included the encouragement of the settlement of industrial disputes by conciliation or arbitration, thus preventing strikes and lockouts; encouragement of the principles of profit-sharing; encouragement of technical education among apprentices and young people, and the granting of facilities during working hours for that purpose.

Mr. Ramsay Muir, the guest of the evening, said the Alliance was helping to banish trade disputes, and had chosen the right method by recognising the mutual dependence of employers and employed.

Among those present were Mr. G. F. Tomkin, Mr. C. E. Allen and Mr. W. W. Cant (general secretary).

Personalia

MR. WALTER WARREN (general secretary, National Society of Electrotypers and Stereotypers) has been appointed a member of the council of the Printers' Pension Corporation. Mr. Warren's appointment, which has caused much satisfaction in the stereotyping branch of the trade, was made possible by the death of the late Mr. C. S. Yeates.

MR. H. C. COATES, head of the firm of Coates and Son, printers and publishers, Alnwick, and previously of Newcastle and Durham, has just attained his jubilee in the trade. Fifty years ago he was apprenticed to Mr. Thomas Caldcleugh, of Durham, and was subsequently much employed on the work of the Archaeological Society, Cathedral, and the University of Durham, which included the classical languages. He started a printing business of his own in Newcastle in 1900, and also at Alnwick, where the headquarters are now. He prides himself that many of his former apprentices occupy prominent positions in the printing world.

AFTER forty-five years' service with Messrs. Taylor, Garnett, Evans and Co., Ltd., printers, of Manchester, in the capacity of compositor, foreman and representative, Mr. James Hardman is retiring. He has been a member of the Typographical Association for fifty-five years.

MR. J. A. SPENDER and Mr. J. L. Garvin were the guests of the London Press Club, at a very enjoyable "Fleet Street Night" dinner on Saturday.

MR. C. P. SCOTT, for many years editor of the *Manchester Guardian*, is to have the freedom of Manchester conferred upon him on April 8th.

MR. GERALD BARRY, who the other day resigned from the editorship of the *Saturday Review*, has been appointed editor of the *Week-End Review*, a new 6d. weekly publication, the first number of which will appear on Friday, March 14th. The editorial staff and contributors of the *Saturday Review* are actively associated with Mr. Barry in the new publication.

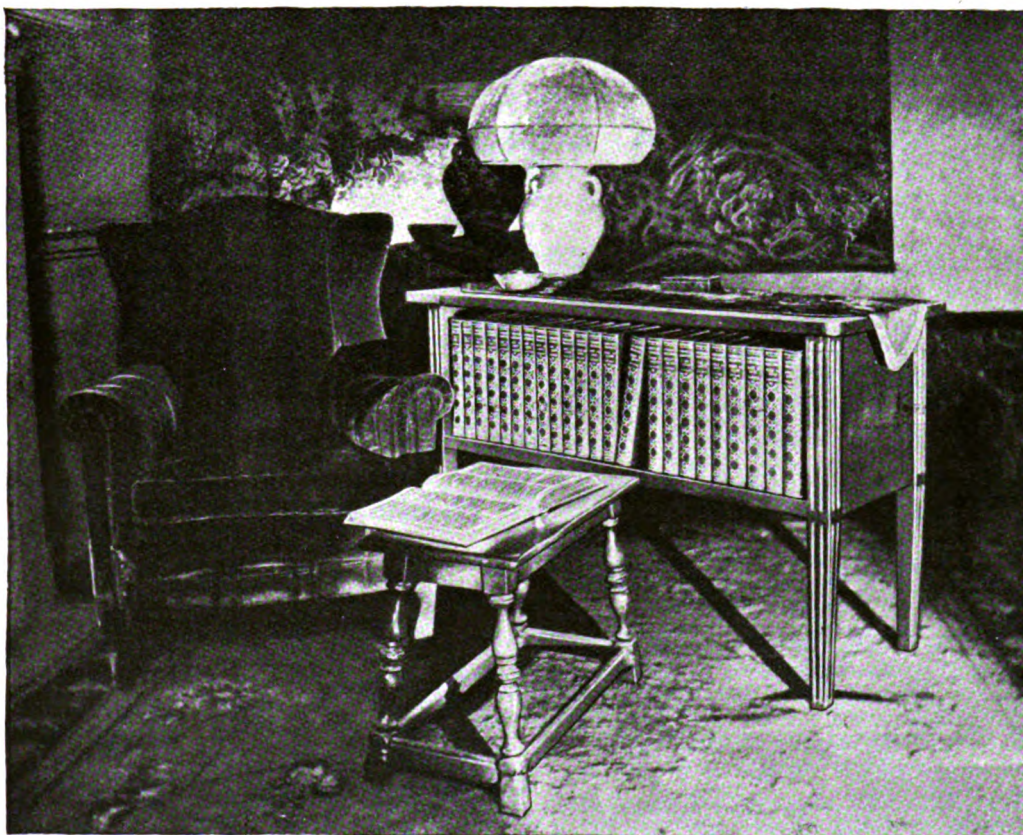
Doctorate for George L. Riddell

The University of London has conferred upon Mr. George L. Riddell, B.Sc., A.I.C., the degree of Doctor of Philosophy, for a thesis entitled "A Physico-Chemical Study of Certain Aspects of Lithographic Printing," dealing particularly with the action of gum arabic in lithography.

Dr. Riddell's thesis, which comprises over 82 printed pages, includes numerous charts and gives clear evidence of the large amount of work undertaken by this young scientific investigator (he is only 21). It is believed to be the first organised scientific investigation undertaken on behalf of the printing trades in this country, and must be of value to others who follow up this pioneer effort. The investigations were conducted at the London School of Printing and in the Chemical laboratories of the Battersea Polytechnic.

Dr. Riddell, who is, of course, the son of Mr. J. R. Riddell, principal of the London School of Printing, is now in the United States studying conditions, processes and productions in the Printing Industry, giving special attention to scientific investigations undertaken in the United States and Canada.

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Trade Notes

As a misunderstanding has arisen in the minds of certain persons not personally acquainted with the directors of the firm, Messrs. Spalding and Hodge, Ltd., wish to make it quite clear that the chairman of the Company, Mr. Sydney T. Spalding, is not the person referred to in recent bankruptcy proceedings.

FOR the production of the new *Daily Herald*, which is to be issued on Monday from its new offices at Wilson Street, Long Acre, W.C., it is stated that "every form of up-to-date equipment has been installed; no other newspaper has a more efficient organisation."

WE regret to record the death, at Guy's Hospital, of Mr. James Keep, J.P., assistant secretary and one of the founders of the National Society of Operative Printers and Assistants. Aged 63, he had been an active member of the union for 40 years. He was an ex-councillor of Southwark.

MR. GEORGE NEWSUM, one of the pioneers in printing machinery manufacture, has died at Beeston Hill, Leeds, at the age of 91.

THE Joint Industrial Council Convention, which was to have been held at Bradford early in July, is now likely to take place in London on the same dates, namely July 2nd and 3rd. The programme will be issued very shortly.

THE Contracts, Legislation and Transport Committee of the Federation of Master Printers is meeting next week, when important reports will be submitted on matters that have recently been discussed in Parliament. These include the Road Traffic Bill, Advertisements (Regulation) Bill, and also prospective legislation relating to the regulation of hours.

PROGRESS in the Young Master Printers' Movement will be discussed at the meeting of the Organisation Committee of the Federation of Master Printers next week. Final arrangements for the Cost Congress and Publicity Session at the annual meetings of the Federation at Edinburgh in May will also be considered.

A TEST examination for members of the East Anglia District, Provincial Guild of Printers' Readers, has been arranged, and will be held at the Grammar School, Earsham Street, Bungay, on Saturday, March 15th. The Rev. F. Jordan is acting as supervisor.

LOOSE-LEAF BINDERS FOR EGYPT.—The Commercial Secretary to the Residency, Egypt, reports that the Survey of Egypt is inviting tenders, to be received up to noon on May 19th, 1930, for the supply of 3,500 loose-leaf post binders. Firms interested in the supply of binders manufactured in the United Kingdom can obtain particulars upon application to the Department of Overseas Trade, 35, Old Queen Street, London, S.W.1. Reference B.X. 6228 should be quoted.

PRINTERS' CROSS-COUNTRY RACE.—The fifth annual cross-country championship of the printing trade, to be run on Saturday, April 5th, from the Royal Forest Hotel, Chingford, Essex, bids fair to excel in success all previous events in this popular fixture of the Printing and Allied Trades' Charity Sports Association. The programme includes team and individual championships, and competitors are expected from Bristol, Leeds, Brighton, Dunstable, Oxford, etc. Mr. A. McLeod, the cross-country secretary (57, Manchester Drive, Leigh-on-Sea, Essex), will be glad to furnish all particulars regarding entries.

Trade Union Matters

ROTARY MACHINE PAYMENT.—The secretary of the Stoke-on-Trent branch of the Typographical Association has asked the executive council for a ruling as to the rates to be paid for the minder of a rotary contents-bill machine which had been introduced into an office in that branch. The secretary also asked if a special rate should be paid to the compositor who set the type for the machine. The executive council have directed the secretary to claim the ordinary rotary rate of 12s. additional to the branch jobbing rate for the minder, and that the compositor is entitled to the news case rate.

APPRENTICES AND THE MONOTYPE.—The secretary of the Bradford branch of the Typographical Association has received information from the executive council as to the time an apprentice could occupy the Monotype keyboard. A firm at Bradford had interpreted the National Agreement to mean that they could employ an apprentice for three or four months of the year on the keyboard, but the branch committee had decided that for the application of the rule each week stood by itself, and that apprentices could not occupy the keyboard more than one-third of the time the keyboards were worked each week. The executive council endorsed this view of the agreement, but the firm intimated that they would refer the matter to the Monotype Users' Association.

Machine Compositors' Vigilance Association

The twenty-third annual meeting of the Machine Compositors' Vigilance Association was held on Friday, at Essex Hall, London. Mr. J. F. D. Dixon (chairman) presided over a good attendance. The report, which was read by the secretary (Mr. Albert Henwood) detailed the activities of the Committee during the year. It showed a membership of 1,220 (859 Linotype and Intertype operators, 291 Monotype operators, and 70 hon. members).

The financial statement showed a credit balance.

The election of officers and committee resulted as follows: Chairman, Mr. J. F. D. Dixon (Amalgamated Press, Lavington Street); treasurer, Mr. A. E. G. Goldwin (St. Clement's Press); secretary, Mr. Albert Henwood (*Evening Standard*); auditors, Messrs. J. H. Goodings (Vernon and Sons) and S. J. Wills (Wymans); committee—Monotype—Messrs. H. A. Cannon (W. H. Smith and Sons), A. J. Clarke (Harrison and Sons), and H. E. Waite (George Reveirs, Ltd.); Linotype—Messrs. W. J. Adams (Wymans), W. A. Barnes (Amalgamated Press, Sumner Street), A. Burgess (St. Luke's Printing Works), C. R. Flaxman (*News of the World*), C. Harvey (Dorritt Press), B. R. Ingram (*Daily Worker*), J. Needham (Amalgamated Press, Lavington Street), E. J. Parrack (Record Composition Co., Ltd.), R. G. Poll (Globe Rotary Press); Messrs. P. Evans (*Daily Telegraph*) and R. W. Fretwell (*Daily Mail*) are the trustees.

Continued progress was shown in the annual report of the Pension Fund. The fourth pension, completed as the result of the last annual dinner and mainly through the generosity of Mr. John Fry (Fry's Metal Foundries), who presided, and of Mrs. Fry, has been named the "Nancy Fry Pension."

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Water-Colour Printing

By WILLIAM GAMBLE, F.R.P.S., F.O.S.

Water-colour printing is no new thing, though some may have thought it was after reading about it in American trade journals. There is a craze for this process over there, and interest in it has extended to this country. It has created quite a new cult in printing, and many of the results are really charming. I should not have thought of giving you a lecture on this subject, but your honorary secretary suggested it to me and I am here to tell you what I can about it.

CHINESE THE FIRST WATER-COLOUR PRINTERS

Water-colour ink for writing—the so-called Indian ink—was made, as historical record states, as far back as 2697 B.C. There is record of a work written about that period in which reference is made to the blackening of engraved characters. However, we need not pursue our research so far back as that. There certainly was a primitive form of printing from wood blocks with water ink practised in China as early as 500 B.C.

Undoubtedly, the art of engraving on wood is of great antiquity in both China and Japan, and with it must have existed some form of printing. The probability is that it was a kind of water-colour printing such as is done still in China and Japan to-day. There is plenty of evidence that such printing had attained a high standard of artistic excellence in the seventeenth century, and it is from that period onwards that the beautiful prints now so much prized and sought after by collectors were produced. At first the work was in black, then hand-tinting in red became common, followed by printing in two colours; and later, when colour printing had reached its highest level in Japan, three or four or more colours were employed.

JAPANESE ENGRAVING AND PRINTING

Some years ago I asked a friend resident in Japan to send me a set of the tools and materials used for engraving in the Japanese manner. Though, as he told me, it was almost a lost art, he succeeded in finding an old worker who furnished him with a set of blocks engraved for colour printing together with everything used in their production and in printing from them. It was a most interesting collection, which revealed a good deal about the method of working. I am able to show you these blocks, which are of cherry-tree wood, and it is to be noted that the grain is parallel to the surface, not with the end grain uppermost as in the boxwood blocks used by modern engravers. They are engraved on both sides, probably for economy of material. The first step towards the engraving was to make a drawing in black outline to form a key, and this was pasted face down on the block, the outline showing through the back and the reversal of left to right being thereby obtained. This key block was then engraved by using small chisel-shaped knives held in split wooden handles. Two little notches were cut outside the top of the design to act as a lay for securing register. The inks were a kind of Indian ink for the black, and earth pigments in fine powder for the colours. The inks were mixed only with water, but the printer always had a saucer of rice paste alongside the colour saucers and when he has

first brushed the colour over the block—no roller being used—he brushes a little rice starch over so that it mixes with the colour and fixes it. That is really the secret of the permanence of the colours on these prints. You can take a Japanese colour print and try to wash up the colour, but you will not find it easy to do so, if possible at all. This use of rice paste may be a valuable tip for the present-day water-colour printer. No press is used for the printing of these blocks. The back of the paper is simply rubbed firmly with a circular pad, which I show you here. This pad is covered with a leaf of bamboo. Notwithstanding the primitive nature of these appliances most wonderful colour work has been produced. There is, in fact, much to be learnt about water-colour printing by studying the Japanese methods, and any of you who would like to take it up as a hobby should get a little book entitled "Wood Block Printing," by Mr. F. Morley Fletcher, of the Edinburgh College of Art, whom I had the pleasure of meeting some years ago to discuss this interesting subject. Similar tools and materials can be obtained here.

WALLPAPER PRINTING WITH WATER COLOURS

Another very old kind of water-colour printing is that employed for printing wallpapers. The oldest method was block printing. The design on the block was either cut in wood or formed by driving copper wire or strip into soft wood. The block is inked by being laid in contact with a pad saturated with ink, and is then pressed by hand on the material, though there are methods in which presses are used. Wallpapers came into common use in Europe in the 18th century, though there are a few examples dating from the 16th century.

Textile printing, which was also at first done from wood blocks with water-colour inks, does not appear to have been practised in Europe until the close of the seventeenth or the beginning of the eighteenth century, and was introduced into England about 1700.

The water inks used for textile and wallpaper printing are thickened with pastes of rice, wheat or potato starch, or with flour, sago, dextrine, gum arabic and the like, such ingredients as pipeclay, china clay and similar ingredients being added. The aim is to obtain sufficient body, and to make them fast against water after the materials are printed. This form of ink may be regarded as the most perfect for permanence, whether on textiles or paper. It is quite possible that these inks might be adapted to letterpress printing; or, at least, the principles employed in their manufacture might give the clue to the making of water-colour inks for block printing.

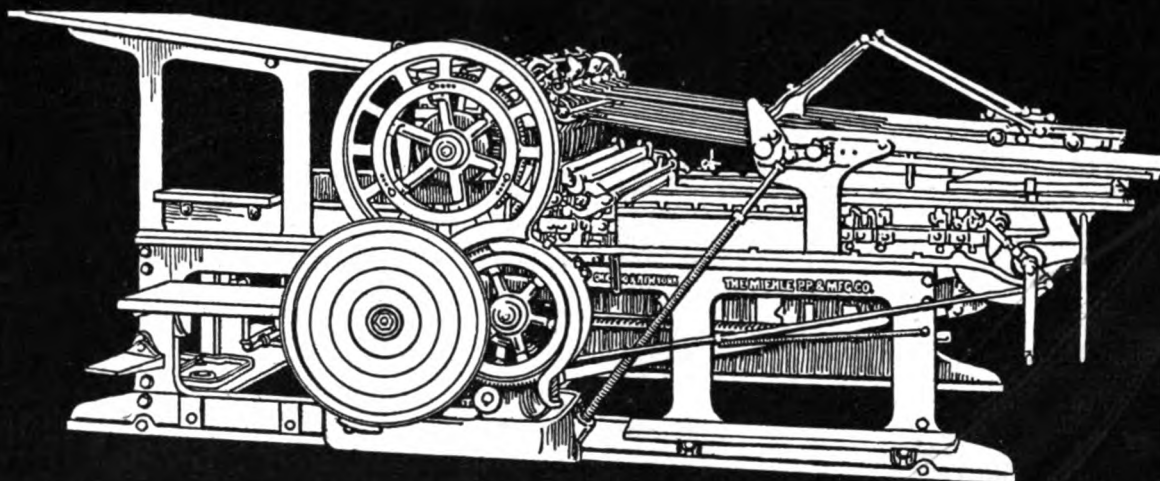
Water-paste inks are largely used in printing textiles and wallpapers from copper cylinders. The original machine for this kind of printing was invented by a Scotsman, named Thomas Bell, who took out a patent for it in 1783, and in the following year another for a machine to print several colours. He used water-paste inks and wiped the cylinder by means of a "doctor" blade, just as is done now for rotogravure printing. His machine is the parent of all rotary photogravure machines used to-day.

WATER-COLOUR INK FOR ROTAGRAVURE

Water-colour inks have been and still are used to some extent for rotary photogravure, more particularly on newspaper printing. When the *Southend Standard*

*Lecture delivered at Stationers' Hall on Wednesday last week before the London Central Districts Master Printers' Association.

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started illustrating by rotogravure early in 1914, they used a water-colour ink, and I believe they have continued to do so to the present day. I was told by the management that this ink was not only cheaper but had the advantage that it could be diluted with water, quite a useful feature when they ran short of supplies.

STENCIL PRINTING

Tracing further the development of water-colour printing in its various forms, mention must be made of stencil printing, which was largely used in the sixteenth, seventeenth and eighteenth centuries for colouring playing cards, and to a lesser extent for colouring prints and book illustrations. The French brought stencil colouring to a high degree of perfection, and in recent years have used machines for doing this work in six or seven colours. Such a machine was patented and built in 1900 by P. Orsoni, and the process was called *Aquatype*. I visited a printing works in Paris some three or four years ago where a number of these machines are in use for colouring fashion prints in cheap publications. The stencils were attached above a travelling band carrying the paper, and as soon as a sheet of paper was under the stencil the two came into contact and revolving brushes applied the colour, then the sheet passed to the next stencil, where the operation was repeated, and similarly for the remaining colours. There was one girl to feed the paper and another to take off, otherwise the operations of the machine were purely automatic, and a speed of 700 to 800 per hour was attained, whilst printing six colours. The cutting of the stencils was done very simply. The zinc used was very thin and the design was pasted on it, the cutting-out being then done with a stencil cutter's knife. The burr was hammered and rubbed down and the stencils were ready for the machine. The ink used was a water-soluble aniline colour, mixed probably with gum.

THE EARLY ENGLISH COLOUR PRINTERS

It is possible that William Blake, the printer-engraver-poet, utilised water-colour printing for some of the illustrations in his books. Those in "The Visions of the Daughters of Albion," issued in 1793, are in a thin water colour, but whether applied by hand or by printing, it is difficult to say.

There has been some speculation as to whether William Savage, who in 1818, issued a book entitled "Practical Hints on Decorative Printing," used water-colour ink, because he particularly emphasized that his inks contained no oil, but he states that he used balsam capivi and dried turpentine soap instead, and these ingredients would not readily mix with water, so that we cannot credit him with doing water-colour printing.

George Baxter, the colour printer, whose work has now become so famous and so much sought after, made a great point in his announcements that his work was "printed in oil colours," which rather suggests that he was hitting at some contemporaries who were printing in water colour, but he was probably referring to the hand-coloured or stencilled prints of that day. His patent, dated 1835, describes his method of obtaining good register, but he says nothing about the composition of his inks, other than that they were oil colours.

WATER COLOUR IN LITHOGRAPHY

Although water-colour inks have no application to lithography, it is interesting to mention that Senefelder describes in his text-book how he printed in two colours at one impression by putting a dye in the damping water so as to tint the stone and impart a corresponding tint to the paper, whilst the image was printed in greasy ink. Further, in his British patent of 1801 he clearly

describes a process in which he used an ink thickened with gum and other substances as used in calico printing and showed how his process had to be reversed so that the greasy parts of the stone repelled the ink, whilst the non-greasy parts attracted it.

(To be continued.)

Mr. Gamble at Stationers' Hall

Address to Central London Printers

Wednesday evening of last week created another landmark in the history of the London Central Districts Master Printers Association, when Mr. William Gamble, F.R.P.S., F.O.S., addressed a record audience on the subject of "Water-Colour Printing." Mr. Gamble's presence alone would have been sufficient to ensure an evening of unusual interest, but the event was rendered the more conspicuous by the presence of such personalities as Mr. Stephen H. Horgan, the pioneer of half-tone in the U.S.A., Mr. Courtney Lewis, the well-known Baxter authority, Mr. Alfred Langley, president of the London Master Printers Association, Mr. J. R. Riddell, principal of the London School of Printing, and many others.

Mr. Percy W. Ryde, president of the Central Districts Association, in his remarks from the chair, referred eulogistically to Mr. Gamble, and also congratulated the hon. secretary, Mr. W. J. Boyle on securing such an authority to address them. Mr. Boyle seemed to have the happy facility of finding the right man and the right subject to address them at their monthly meetings.

Recalling the fact that water-colour printing was an ancient art revived, the Chinese and Japanese having been the first water-colour printers many centuries ago, Mr. Gamble went on to speak of the use of water-colours for wallpaper and textile printing, and the art of stencilling with these colours.

After dealing with Savage's method of colour printing without oil inks, and Baxter's work in the oil-colour printing field, Mr. Gamble passed on to the recent introduction of water-colour printing in America. The Jean Berté process and other methods were described, also the use therein of rubber and lino. cuts, treatment of zinc blocks and rollers and rubber stereos. Mr. Gamble spoke of press-work in water-colour printing, suitable choice of paper, oil inks which give water-colour effects, and lastly, the effect of the new process on letterpress printing. A full report of the lecture is appearing in the *British and Colonial Printer*.

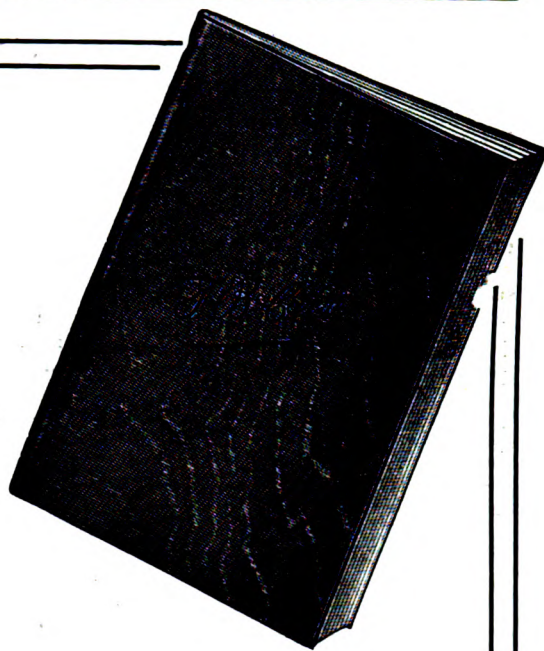
After the lecture, Mr. Horgan related, amid amusement, the story of the American who first introduced water-colour inks into the United States, and the inglorious end which those inks met. Mr. Horgan also threw much light on the activities of a "mysterious Frenchman"—Jean Berté—who, in everyday life, he said, was none other than Bert Chambers, a well-known American printer.

Mr. J. R. Riddell spoke with enthusiasm of the blacks produced by the water-colour process. "I have not seen anything to equal them," he said. He added that he had been somewhat of a sceptic when he first began investigating the possibilities of water-colour inks, but what he had seen of the results obtainable had opened his eyes.

Continuing, Mr. Riddell said that the great secret of the water-colour process was that little or no impres-

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sion was required. It was possible to print from linoleum blocks or celluloid, but from what he had seen there was nothing to equal the rubber-cut block.

"Up to the present," he concluded, "I have not seen anything in this country to equal the prints being produced daily in Canada and the United States. I am, however, sure that it will develop to a great extent in this country, and we shall see some very fine results."

Mr. Horgan, who followed, said he had attended the very fine exhibition of work brought over by Mr. Riddell from America, and he personally did not think that the specimens of blacks on view there produced by rotogravure could be equalled by any water-colour process.

Mr. Alfred Langley, in proposing a vote of thanks to the lecturer, said he knew of no man who had carried on research to the same extent as Mr. Gamble,

or who had written so interestingly on the results he had obtained, and on printing generally.

Mr. Courtney Lewis, in seconding the vote, also paid tribute to the genius of Mr. Gamble, and referred interestingly to the work of Baxter in the oil-colour field, following the great water-colour vogue of the eighteenth century.

The vote having been heartily acclaimed, Mr. Gamble invited his audience to view some specimens of water-colour work which had been arranged in the room. The exhibits were of a remarkably comprehensive nature, including some fine work produced by the Jean Berté process in America, and some really good examples produced by English firms such as Lorilleux and Bolton, Coates Bros. and Co., Ltd., B. Winstone and Sons, Ltd., and Shuck Maclean and Co., Ltd.

Printers and Equipment

The spirit of enterprise that exists in the South-West London Master Printers' Association has been amply demonstrated during the winter months by the series of talks on "The Trend of Events." During the course of these addresses much has been learned of the progress being made in and problems connected with typesetting machinery, printing machines, etc., and on Tuesday evening last week another success was scored with an address from a prominent South-West member, Mr. John D. Wise, who spoke on "Equipment as it effects production, and affects financial resources." The large audience, presided over by Mr. E. J. Pegg (South-West president), included the president of the London Master Printers' Association (Mr. Alfred Langley), Mr. W. J. Boyle (secretary of London Central Districts M.P.A.), and other well-known printers.

THE OLD ATTITUDE

In opening his address, Mr. Wise drew a vivid picture of the attitude taken towards the question of equipment in the days when he entered the trade—some fifty years ago. In those days, he said, they never talked about equipment. As long as there was enough type to set the job, they had to get on with it. There were no luxuries, and sometimes there was a shortage of necessities, but even under those conditions a lot of really good work was turned out. It was the day of the "all-round jobbing hand," and declared Mr. Wise, in his opinion, the young craftsmen trained in the smaller offices of repute forty years ago were better craftsmen than the young men of the present day.

"To-day," he continued, "we hear a lot about 'up-to-date equipment.' The term is frequently used by advertisers and salesmen as applying to their products, and it presents to us a picture of a composing room with the newest type-faces and appliances, and a machine room with the latest and fastest machines. If that is all it means, then it represents something that is beyond the reach of many of us."

SOME NECESSARY ITEMS

Remarking that he believed in the very best equipment for the work they, as printers, had to do, Mr. Wise proceeded to give a list of equipment which the successful printer should possess, and added that this was by no means complete, and could doubtless be improved upon.

Taking first the master printer himself, he should have more than the average amount of common sense—sound practical judgment. "Have we got it?" asked Mr. Wise. "Have we sought it? Are we seeking it? Those who have any appreciable measure have obtained

it on the instalment principle, but it has never depleted their finances."

Regarding the printer's office, he should have:—

Stationery of the best quality the master printer could produce.

A complete and ready range of paper and card sample books from merchants of repute, ready for immediate reference.

Specimen sheets of every fount of type possessed.

A series of drawers containing samples of work produced.

A stock book showing the paper in stock.

A sample of every kind and size of paper in stock, folded to quarto, arranged in their respective sizes.

A book or pad of estimate forms on which every item of cost in connection with the production of the work passing through the works is enumerated, so that nothing could be overlooked.

A complete order list of every job in the house, giving order number, date received, date for proof, and date for delivery.

A book of job cost sheets numbered with the job order number, on which should be entered daily from the workers' dockets the time occupied on the job.

DEPARTMENTAL EQUIPMENT

Regarding the equipment of departments, Mr. Wise stressed the fact that whatever machines were in use, good impression and perfect register were essential. If machines were correct in those two vital points, there should be no hurry to scrap or exchange them. He was speaking of the smaller offices, of course; but in larger firms with long runs, fast-running up-to-date machines were essential.

In any case, the balance sheet should be consulted before the contraction of any considerable liability for new plant.

It might be asked how a business could be extended if some of the latest machinery was not installed. The question to ask was, "Does your present work call for extension of plant?" If an increase in plant was decided upon in the hope of getting new business, then it was necessary to be careful. To provide for extension of business a reserve fund should be created.

Mr. Wise quoted many interesting figures in connection with the extension of business, and these created considerable discussion among the members. Helpful contributions were made by Mr. Alfred Langley and Mr. R. B. Simnett, who also proposed a vote of thanks to the speaker. This was seconded by Mr. J. H. Quinn, and carried with acclamation.

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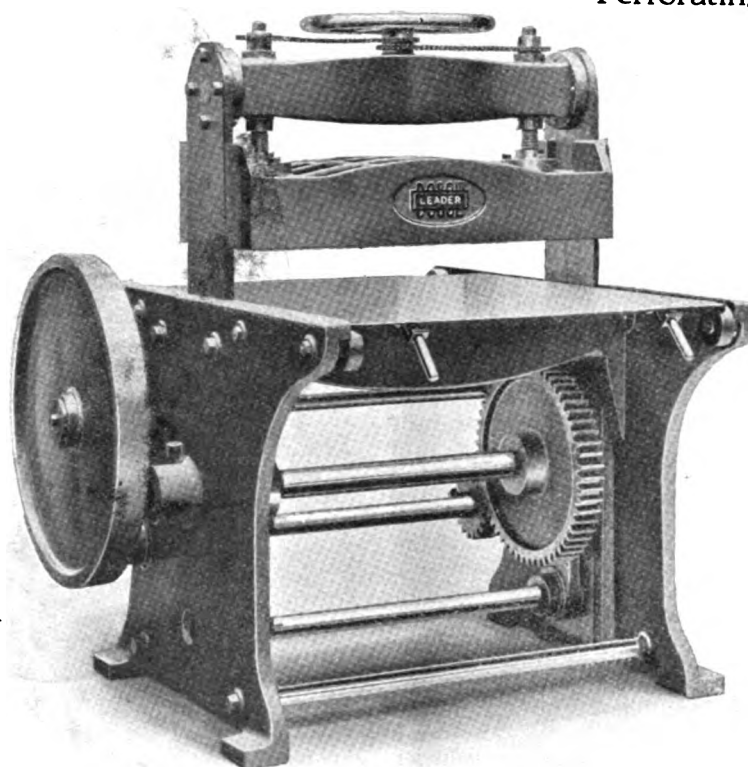
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Sixty Years of Print

Mr. W. H. BURCHELL'S REMINISCENCES

Sixty years of strenuous and varied activity in the world of print necessarily provide much matter for recollection. Thus, in addressing the Printers' Managers and Overseers (Parent) Association last week on "My Sixty Years of Print," Mr. W. H. Burchell, founder and first hon. secretary of the Association, was able to provide a long and interesting narrative and yet leave much of his experience untold.

The evening's preliminary business included the election of two candidates into membership of the Association: Mr. J. T. Daw (Messrs. F. W. Potter and Co., Middlesex Street, E.1; overseer, letterpress machine department); Mr G. Walker (Messrs. Kelly and Kelly, 42, Moor Lane, E.C.2; overseer, machine room).

Introduced by the president of the Association, Mr. A. T. Walters, Mr. Burchell was given a very cordial reception by a large gathering of members.

GOWER'S WALK SCHOOL

After his introductory remarks, he recalled that he was introduced to printing at the age of seven. This was at Gower's Walk School, a National Day School with boys' and girls' departments and with a printing office attached to it. Junior boys worked half the day in school and half in the printing office, whilst senior boys did two hours in school and spent the rest of the day at printing. Hours were 8.30 to 12.30 and 1.30 to 5, with the option of two half-days' holiday a week. Wages were paid at the rate of 4d. per hour, which worked out at about five shillings a month, though it was possible to earn an additional 9d. a week by working on both half holidays and also before and after the normal working hours. The work produced here was of a fair standard and was done for such firms as the Phoenix Fire Office, the Pelican Life Office, the Bishop of Rochester, the London Hospital, and David Martineau and Sons, the sugar refiners.

Mr. Burchell had some amusing things to say about the methods of working in those days. He recalled the excitement caused by the advent at the school of a brand new cylinder machine. It was fitted with two fly wheels with handles to turn them, the boys doing the work in periods of ten minutes on and ten minutes off. Mr. Burchell commented that the intervals corresponded with the rest intervals in a boxing competition: Phil Scott or Jack Sharkey would not be more exhausted after a gruelling round than were those youngsters after wrestling with that cylinder machine for ten minutes. An agreeable interlude came when a novice was made to submit to be "swung"—holding one of the handles while his companions on the other handle gave it a jerk, so that the newcomer was sent flying round with the wheels, to be picked up after he had "looped the loop."

CHILD LABOUR

An indication of the size of the diminutive workers at the school is seen in the fact that there were many stools scattered about the case-room for the boys to stand on, whilst platforms were provided to enable them to stand at machine for feeding and taking-off. Gower's Walk School is now on the "Fair List" of the L.S.C. under the title of the School Press, Rupert Street, E., and, of course, is now conducted under very different conditions.

Leaving the School Press, Mr. Burchell found a new berth at four shillings a week with Messrs. Byron Ballard, printers of Osborne Street, E. Here he received the orders from customers, composed and printed off the jobs, and made out the invoice for same. He sometimes had to provide the copy as well, and he quoted some examples of the quaint wording of stock verses popular amongst his customers at the time for "Friendly Meeting" cards.

SALVATION ARMY BEGINNINGS

A notable recollection connected with this firm is that it printed the "Monthly List of Preachings" for



MR. W. H. BURCHELL.

the famous William Booth, the creator of the Salvation Army. At that time, before the genesis of the "Army," services were conducted at what was known as the "People's Mission Hall," formerly a vegetable market in the Whitechapel Road. At this place, notices of forthcoming meetings were placarded, and Burchell frequently took proofs of these notices to the "General" to correct, and also witnessed the origin of the *War Cry* and other "Army" publications.

Young Burchell's next move was to Messrs. Peall's, of 133, Minories, E.C., where he was apprenticed. He was agreeably surprised to find that Mr. John Peall, his two sons and nearly the whole of his staff came from Gower's Walk School. The working hours were 8 a.m. to 8 p.m., with an hour for dinner and half an hour for tea, Saturday: 8 a.m. to 5 p.m.—making a total of 61½ hours per week.

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On the death of Mr. John Peall, he set out to gain further experience by taking a position as a "turn-over," with Messrs. Dunn, Collins and Co., where he worked between 70 and 80 hours per week.

In 1881, he entered the firm of Eden Fisher and Co., of Fenchurch Street and Lombard Street. He commenced as an "artistic compositor," but at different times fulfilled the duties of store-keeper, reader, deputy overseer and overseer. He remained for eighteen years in the service of this firm, the last ten years as works manager. Here he had to supervise much varied and important work, which included engraving, lithography, letterpress printing, vellum and general binding, machine-ruling, etc.

Amongst Mr. Burchell's recollections of this period are the printing of a menu for Mr. J. Lyons, who was opening his first tea-shop—the humble beginning of the present immense concern, which now has admirably equipped printing offices of its own; also the printing of the programme for laying the foundation stone of the People's Palace, which was for many years the Bluecoat School, Mile End Road, E.

ELECTRICAL INKLESS PRINTING

Included amongst technical developments of about that time, Mr. Burchell recalls the introduction of "Electrical Inkless Printing." He was invited to a private view at the offices of the Electrical Inkless Printing Syndicate, in Victoria Street. Here he was shown how paper, which had been specially treated, was put on a forme in a small press with electrical attachments, and, the press being closed and contact made, a good black print appeared. Mr. Burchell had a machine at his own office prepared with insulated joints and electrical attachments for printing by this method, and satisfactory experiments were made. The inventor of the process, Mr. Frieze Green (who invented the cinematograph), eventually dropped the project, but Mr. Burchell stated that he still thought the process could be made a practicable one and he mentioned that much literature appertaining thereto is in the care of the librarian of the technical library at St. Bride Institute.

BIRTH OF THE P.M. AND O.A.

It was while Mr. Burchell was running a series of monthly concerts in aid of the East London Printers Benevolent Society (which he started) that the idea first occurred to him of organising printers managers and overseers. At one of these concerts (in 1888) he got Mr. Chas. Morley (later the first P.M. and O.A. president) to preside, together with the late Mr. C. J. Drummond (then secretary of the London Society of Compositors). He told Mr. Morley he thought some day of calling a meeting of managers and overseers to form an association, and he asked Mr. Morley if he would preside over the meeting, to which request he readily assented. After securing the interest of several others, Mr. Burchell drafted a circular and eventually called the meeting, which was held at the Farringdon Hotel, Farringdon Street, on Monday evening, October 31st, 1893.

At this meeting Mr. Burchell presented galley proofs of suggested rules and officers were elected, Mr. Burchell, as founder, being made hon. secretary. Council meetings were first held at the Law Court Chambers, 33, Chancery Lane; and, a little later, monthly meetings for members were started at the Haunch of Venison, Bell Yard, Temple Bar. After the Association had had a series of concerts they turned to the technical side, and started lectures on subjects of interest to the trade. It fell to Mr. Burchell's lot to give the first of these lectures, which was on "Printing Office Management."

After recalling memories of the strenuous work that was attached to the secretaryship in those early days, and mentioning that when he resigned the post after about three years' service, the Association made him its first vice-president, presenting him with a gold watch, which he still wears, and an illuminated address—Mr. Burchell touched upon the later expansion of the Association, and also mentioned his founding the Institute of Printers and Kindred Trades, which did much useful work during its twenty-one years of existence.

THE CAXTON PRESS

The speaker proceeded next to tell the story of the origin and progress of his own printing firm, the Caxton Press. He was anxious that his son should get a very thorough knowledge of printing while an apprentice, and to this end he purchased a small plant and installed it in his home. This home press produced successful commercial work, a notable example being the printing daily of two different programmes for the famous Sousa's Band. Constant additions to this home plant caused it to outgrow its accommodation and necessitated the finding of larger premises. These were found at 27, Cursitor Street, Chancery Lane; later the ever-growing business was removed to 15, Furnival Street. Mr. Burchell recalled amusing memories of this period, when for a couple of years he was joint proprietor of the *East End News* and *London Shipping Chronicle*. While still at Furnival Street he took advantage of an opportunity to join forces with a well-known firm at Enfield, where, with a fine plant, some very successful colour printing was done by various processes.

After being at Furnival Street for some years, the business was removed to 13 and 15 Leather Lane, and, after fourteen years there, was transferred to its present situation at 4-5, St. John's Square, Clerkenwell Road, beside the old St. John's Gate. Here the firm, now the Caxton Press, Ltd., has secured a twenty-one years' lease, and its up-to-date equipment includes L. and M. Michles with automatic feeders and extended deliveries, automatic platens, the latest folding machines, a stereo foundry, etc. No less than five of the Burchell family are connected with the Caxton Press.

OTHER ORGANISING ACTIVITIES

In concluding his narrative, Mr. Burchell touched briefly upon a number of other printing trade developments in which he has been prominent. These included his founding and acting for six years as hon. secretary of the Central Districts branch of the London Master Printers' Association; also his memorable activities in connection with the campaign for cheaper postal rates, which he conducted between 1921 and 1924, concluding with his presenting a petition to Parliament containing the names of nearly 1,000 firms.

Mr. Burchell having resumed his seat, the president expressed high appreciation of the address, to which they had very attentively listened, and he proceeded to give interesting reminiscences of his own relating to the School Press, to which reference had been made.

Mr. E. W. Whittle, general secretary, expressed the Association's gratification at having amongst them their founder and first hon. secretary, of whom, he said, they were all very proud.

After several other members had spoken, a cordial vote of thanks was proposed by Mr. E. H. Berryman, one of the oldest members. It was seconded by Mr. R. H. Berry, and carried with enthusiasm.

Mr. Burchell briefly replied and a very interesting meeting came to an end.



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Printers' Managers and Overseers

Manchester Association Dinner

At the seventy-fifth annual dinner of the Manchester and District Centre of the Printers' Managers and Overseers Association, held at the Mitre Hotel, Cathedral Gates, Manchester, close upon one hundred ladies and gentlemen sat around the tables.

Mr. John Taylor (president of the Printing Crafts Guild), proposing "The P.M. & O.A.," said it was a pleasure to meet so many friends who were interested in the craft. The P.M. & O.A. was closely allied to the Printing Crafts Guild, and whenever application had been made to the Association for assistance that would be for the advancement of the young members of the Guild, the help had always been readily given. The mission of the P.M. & O.A. was thoroughly unselfish, because the members were banded together to assist each other, and when doing such kindly acts the helper was always obtaining benefit in some form or other. He had been interested in the Association from the time of the formation of the Manchester Centre in 1904; he was present at the coming-of-age celebration, and he had watched the steady progress it had made.

TRAINING YOUNG CRAFTSMEN

Mr. A. T. Walters (president, London), replying, thanked Mr. Taylor for his good opinion of the Association. He emphasised the fact that the future success of the printing trade lay in the proper training of the young craftsman. He regretted that the average youth of the present day did not receive the broad training that used to be given to apprentices of a quarter of a century ago. Every apprentice should have an opportunity of going through several departments closely connected with the particular one to which he was apprenticed. The average present-day youth, at the age of 21 years, was not the qualified craftsman that he ought to be, and he (Mr. Walters) would be glad if the restrictions were removed that prevented the lad from becoming a craftsman with a wider knowledge of the trade. There was a much-quoted phrase throughout the printing trade, that the manager and the overseer constituted the "buffer state" of the craft. He objected to that misapplied remark. The manager and the overseer were "the pivot" on which every successful business revolved. Take away all the managers and overseers, and the printing trade would become chaotic.

Mr. Taylor had referred to the sympathy and help extended to members in times of adversity. The Association had always looked at the human side, and had now launched a scheme that would make some provision for members who were in declining years. Certainly, it was small in its beginnings, but there was hope that as time went on its benefits would be increased. It was better to proceed with caution and follow it with progress, than to commence big and then fizzle out.

Other speakers were president H. A. Corris, secretary Jas. N. Poole (Liverpool), president F. J. Harvey and secretary W. Butler (Yorkshire), and vice-president J. W. Levy (Birmingham).

Other toasts were, "The Ladies and Visitors," by Mr. Edward McVay, and "The Artistes," by Mr. J. M. Galbraith.

Mr. E. Garrett (president) was in the chair.

The singing of "Auld Lang Syne" concluded a happy evening.

WEE MAC.

Binders' Overseers Association

There was a good attendance of members at the monthly meeting of the Printing, Bookbinding and Kindred Trades' Overseers Association, held on Tuesday, last week, at St. Bride Institute, Bride Lane, E.C.4, the chair being occupied by Mr. J. A. Esler (president), who was supported by Mr. Maurice Hunt (vice-president). Very little routine business called for attention, and most of the evening was devoted to an address by Mr. Robert Bryan (general secretary), who gave a most interesting talk on a holiday spent in Jersey.

After disposing of the minutes, the meeting gave its attention to the allocation of its votes to the Vellum Binders' and Machine Rulers' Pension Society and the Printers' Pension Corporation.

The correspondence included a letter from Mr. J. R. Riddell acknowledging the Association's donation to the Stationers' Company and Printing Industrial Technical Board, and expressing thanks for the interest the members continue to show in the work of that organisation. Another interesting item that emerged from the correspondence was the retirement from business of Mr. Tom Hunt (one of the founders of the Association) and the appointment as his successor of Mr. A. Welch, as bookbinding overseer at the works of Messrs. Thomas and Sons.

An application for honorary membership was made by Mr. Frederick John Blackburn (Messrs. F. Tew, Ltd.), and was very cordially accepted.

Messrs. Arthur Cox and J. A. Goldbourne next reported on the arrangements for the annual dinner, to be held at the Holborn Restaurant on March 29th, and from the chair an appeal was made that this event should receive the full support of the members.

The members next listened with very great interest to the lecture by Mr. Bryan, who, with the aid of a number of very fine slides (loaned by the Jersey Commercial Association), made his account of the wonderful scenery and the people of that island most arresting.

The thanks of the meeting were appropriately conveyed to the lecturer by Mr. Esler.

Stereo. Overseers Association

The monthly meeting of the Electrotypers and Stereotypers Managers and Overseers Association was held on Thursday at St. Bride Institute, Bride Lane, Mr. A. Chadwell (president) occupying the chair and being supported by Mr. J. Black (vice-president). Though little business came up for consideration, an interesting evening was spent in the discussion of general trade topics.

The chairman, on behalf of the members, congratulated Mr. J. Black on his receiving an important new appointment, and wished him continued success in the future.

Mr. Black, in returning thanks for the expressions of goodwill, said he was happy to say that Mr. R. W. Court had been appointed to succeed him as foundry manager at Spottiswoode, Ballantyne and Co., Ltd.

The chairman drew the attention of the members to the fact that two of their members (Mr. H. E. Evans and Mr. G. Turner) were occupying the chair at the next Electrotypers and Stereotypers' Auxiliary concert, at Arderton's Hotel on March 31st.

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Country News

BRISTOL

At the annual social gathering of the firm of J. W. Arrowsmith, Ltd., held at Boots' Café, the attendance numbered about a hundred, and a happy evening was spent. Community singing, "Guess the Name" competition, and a musical programme provided by Mr. F. A. Wilshire and Miss Clarice Noble filled up the first part of the evening, dancing being indulged in later.

Mr. JAMES WRIGHT, replying to the toast of "Our Employers" at the annual dinner of the companionship of Messrs. John Wright and Sons, Ltd., said the success of the firm was due to the fact that there were no sleeping partners—all were workers. They were proud of the fact that eleven of the employees had been with them for 35 years; some for a longer period.

DERBY

THE veterans on the staff of Messrs. Bemrose and Sons, Limited, have been entertained at a tea and social evening by the directors. Thirty-eight employees, with ages aggregating 2,668 years, attended. Mr. C. E. Evans presided, and mentioned that these employees had 1,548 years' service, an average of 41 years. Mr. C. Carter, the eldest, is now 82, and has over fifty-seven years' service with the firm.

NORTHAMPTON

THE doyen of Northampton printers is Mr. H. Berrill, who, though 85 years of age, is still in business. Mr. Berrill was, in 1859, apprenticed for seven years to a printer and stationer in the High Street of Bedford. Apprentices in those days worked 58 hours weekly at 4s. per week, rising to 10s. in the seventh year. Only Good Fridays and Christmas Days were given for holidays. The job he most dreaded was the printing of a thousand copies of a 64-page royal 8vo catalogue of agricultural machinery manufactured by a well-known Bedford firm. They could print only eight pages at a time, at an average rate of 120 sheets per hour.

NORWICH

A GATHERING of the staffs of the Norfolk News Co., Norwich, occurred on Friday last, in the board-room, to mark in a tangible form the completion of 50 years' service with the firm of Mr. J. Turner. Presentations took the form of an easy armchair from fellow colleagues and a cheque from the company. The chair was taken by Mr. A. Cozens-Hardy. Mr. Turner has been "father" of the night 'stab staff for a considerable number of years, and still retains office.

THERE was a record attendance at the social and dance on Saturday, held under the auspices of the Norwich and District Printers' Pensions Auxiliary. Mr. B. Philo officiated as M.C. for the dance.

IN the stress of modern industrial conditions it is of interest to learn that a Norwich firm of cardboard box and container manufacturers, Messrs. F. Gough and Son, Fishergate, regularly dispatch quantities of flower cases and cardboard flower pots to South Africa and Siam. The firm possesses an up-to-date box-making plant, and their rigid-type box factory is capable of an output of 1,000 gross per week of shoe or similar cartons. The staple local industry is the boot and shoe trade, and Messrs. Gough and Son claim they are supplying 55 per cent. of the necessary cartons in this connection. An extension to their factory has recently been completed.

PLYMOUTH

DESIGNS for a pictorial poster, preferably in monochrome, to advertise Plymouth Navy Week are invited by the authorities. The actual size of the poster should be 40 inches by 25 inches, and competitors are advised to reserve a space of about 8 inches at the top and about 4 inches at the bottom for letterpress. Designs should be sent to Paymaster-Captain A. C. Roe at the Royal Naval Barracks, Devonport, by whom they will be returned to the competitors in due course.

MR. C. E. BRENDON presided over a well-attended and interesting meeting of the Plymouth Master Printers Association held at the Mikado Café on Monday evening. Mr. H. H. Swiss (secretary) read correspondence which had passed between him and the local secretary of the St. John Ambulance Association, in which Mr. Swiss had been asked to do certain printing for the Association free of charge. He had replied that he was greatly averse to printers doing as asked, and that a proper charge for all work should be made leaving the printer free to make a donation to the Association or Society if he thought proper. The meeting heartily endorsed the reply of the secretary. Mr. R. C. Palmer was elected to represent the Association upon the Plymouth Employment Committee of the Ministry of Labour. The financial statement submitted by Mr. H. H. Swiss showed a small balance in hand. The election of officers, etc., resulted as follows:—President, Mr. C. E. Brendon; secretary and treasurer, Mr. J. Kenneth Creber; representatives to South-Western Alliance, Messrs. Brendon and Creber, with Messrs. Fayers and Palmer as deputies. It was unanimously resolved, upon the proposition of Mr. Frank Underhill, seconded by Mr. S. C. F. Clarke, to send an invitation to the Alliance Executive Committee to arrange a week-end conference in Plymouth in September. It was also decided to arrange more regular meetings of the Association. Mr. L. J. Cumner (assistant secretary of the Federation) then addressed the meeting, imparting much useful information, and Mr. G. F. Jones (Alliance secretary) also addressed the meeting, especially emphasising the value of the Young Master Printers' Group movement. There was a good discussion, Messrs. Creber, Bowering, Clarke, Swiss, and the chairman all taking part. The thanks of the meeting were heartily accorded to Mr. Brendon for his past services as president, and to Mr. Swiss for the work he had put in for two years as hon. secretary and treasurer.

SWANSEA

AT Swansea Chamber of Trade last week, Mr. J. B. Dawson introduced a discussion on the proposal at the Borough Council on the subject of a Municipal Printing and Binding Dept. He thought that the idea of municipal trading in general should be condemned, and explained that the Sheffield Corporation was the only authority that had its printing plant. The whole system encouraged waste. Local printing firms had already to close down, and this proposal meant that the remaining printing houses would have to pay rates to extinguish themselves and the operative printers would be paying to lose their jobs. Mr. Ben Treise said the Corporation should exist to help and assist traders rather than set up opposing interests. Mr. Albert E. Davies, another master printer, concurred, and said that what was wanted instead was an experienced man who could advise the Corporation. It was decided to refer the matter to the Council of the Chamber for consideration.

A Derby Newspaper Office

Printers' Managers' Visit

On Saturday for their March meeting, the North Midlands Centre of the Printers' Managers and Overseers Association, took a "busman's holiday" when they mingled business with pleasure and instruction at "Northcliffe House" the new premises of the *Derby Daily Telegraph*. A party of about 50 was welcomed by Mr. W. H. Phillips, general manager, and conducted in parties over the building.

After a visit to the Creed room, where they saw copy coming from the Creed column printers, following reception over the two private London wires, the parties inspected the process department, and then spent a considerable time in the composing room, where they were greatly impressed with the lay-out and general organisation. This department with its batteries of Linotypes, Intertypes, Ludlows, and Elrod, is run on an all-slug basis, no movable type whatever being used. The rival merits of the Junior and the Pony Autoplates were discussed in the foundry.

The company adjourned for tea at the invitation of the directors of the *Derby Daily Telegraph*.

After tea, the party returned to the machine room to witness the printing of the Football edition. The recently installed Hoe Super-Speed press, running at the rate of 40,000 per hour, attracted most attention.

By kind permission of the directors, the council business meeting was held in the board room, and a most enjoyable day was brought to a close with a lantern lecture by Mr. E. J. Knights, of Derby, who interestingly described his recent holiday in Belgium.

A vote of thanks was proposed by Mr. A. G. Call (Nottingham), president, and supported by Mr. A. E. Moore, secretary, and others thanking the directors of the *Derby Daily Telegraph*, Mr. W. H. Phillips and Mr. J. H. Measures (works manager), who had been responsible for the arrangements, for a most enjoyable experience. The speakers were loud in their praises of the efficient organisation and excellent equipment which far surpassed anything they had expected to find in a town, the size of Derby.

Standard Invoices

It will be remembered by many that early last year, at the request of the Federation of British Industries, the Federation of Master Printers drew up a form of invoice and suggested certain sizes of paper. These suggestions were approved by the F.B.I., and particulars were circulated to all its members. Much attention has been given to the sizes by Chambers of Commerce in different parts of the country, and approval has been general.

It now appears from a report received from the F.B.I. that other sizes than those agreed upon are being supplied, and some concern is felt that part of the benefit to be gained by a standard size of paper is lost. It has accordingly been decided to reprint the diagram and particulars in circular form, and copies may be had on application to 7 to 10, Old Bailey, E.C.4.

THE late Mr. George William Beamand, Aldgate High Street, E.C., and Enfield, of G. W. Beamond, printers, left £5,695 (net personality £5,651).

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500 Years of Typefounding

Mr. H. Daniel Caslon Addresses the British Typographers' Guild

The British Typographers' Guild added a notable event to its as yet brief history when, on Tuesday evening of last week, its members heard a concise account of the developments in typefounding during the past 500 years from no less an authority than Mr. H. Daniel Caslon of the famous firm of typefounders of that name.

Commencing with a brief reference to the work of such pioneers as Gutenberg, Caxton, Wynkyn de Worde, and Pynson, Mr. Caslon passed on to the work of John Day in the sixteenth century, and Moxon, the inventor of the nick, in the seventeenth. He passed to the era of the first Caslon, whose good work was carried on by his apprentices Jackson and Cottrell, and also by such men as Wilson and Baskerville. The work of the Caslons was handed down from father to son for a period of 170 years, until 1873, when Caslon the Fifth resigned control of the famous foundry to Thomas White Smith, thus breaking the line. The sons of T. W. Smith assumed the name of Caslon by letters patent, and their descendants are still the managers of the historic house to-day.

Turning to the developments of the last fifty years, Mr. Caslon mentioned the invention of the Linotype machine, and then spoke informatively on the art of typefounding, going very thoroughly into the questions of design, legibility and production costs.

The lecture was illustrated by a remarkably fine collection of lantern slides, showing the inner side of the typefounders' craft from its inception to the present day. At the end of the lecture a wonderful collection of ancient and modern typefounding tools were shown, and ably demonstrated by Mr. Chitson of Messrs. H. W. Caslon and Co.

Memorial to Lord Hambleden

Lord Riddell unveiled on Thursday, in Lincoln's Inn Fields, a memorial to the late Lord Hambleden, in the form of a bronze bust mounted on a large base, the inscription on which describes Lord Hambleden as "a public-spirited and unselfish gentleman." Among those who attended the short ceremony were representatives of many proprietors of newspapers in London, and the provinces.

Lord Riddell recalled that the late Lord Hambleden for 35 years presided over the great business of W. H. Smith and Son. He reviewed his many activities in different spheres, laying stress on the large amount of public and philanthropic work accomplished. Lord Riddell thanked Mr. T. W. McAra, secretary of the Newspaper Proprietors' Association, for being secretary to the memorial committee, and the London County Council for permission to erect the memorial in Lincoln's Inn Fields.

Mr. J. Elliot Mark, chairman of the Parks Committee of the London County Council, accepted the memorial on behalf of the Council, and spoke of the late Viscount as a great man and a great Londoner. Other tributes were paid by Mr. Otho W. Nicholson, M.P., Captain J. F. C. Bennett, Mayor of Westminster, and Mr. Percy Hill, Mayor of Holborn.

Caxton Convalescent Home

Annual Meeting

The annual general meeting of the board of representatives of the Caxton Convalescent Home, Limpsfield, was held at the St. Bride Foundation Institute, Fleet Street, E.C., on Saturday, at 1 p.m., the president, Mr. T. W. George (Associated Newspapers) being in the chair. There was a good attendance, among those present being the Rt. Hon. C. W. Bowerman, J.P., M.P. (treasurer), Mr. T. E. Naylor, J.P., M.P., and Mr. G. C. Josland (vice-presidents), and Mr. W. F. France, J.P. (acting secretary).

The annual report was presented, and showed that the Ordinary Fund income for the year amounted to £3,435 1s. 10d., and donations to the Building and Endowment Fund were £521 1s. 4d. These figures represent a very satisfactory result of the year's work. The balance carried forward was £1,500. The report was unanimously adopted.

Mr. T. W. George was re-elected president, and Mr. G. Phillips was added to the list of vice-presidents. Mr. C. W. Bowerman, J.P., M.P., was re-elected treasurer. The acting secretary, Mr. W. F. France, J.P., was unanimously elected secretary in the room of the late Mr. S. J. White. The committee were re-elected with the addition of the late Mr. Cyril E. Fisher. Messrs. A. P. Payne and V. A. Villinger were appointed trade auditors.

Clause 3 of the Constitution was amended, conferring the benefits of the Home on the wives of subscribers of a minimum of 4/- per annum.

Thirteen honorary collectors were made Life Governors of the Institution. For the first time two women were recipients of this honour.

A vote of thanks to the chair concluded a very cordial and harmonious meeting.

A BROCHURE presenting some excellent examples of expert commercial photography (by Scaioni, of Paris) reproduced by expert blockmaking, is sent us by the Strand Engraving Co., Ltd. Not enough is yet done to bring home to business firms the sales-value of photography and good block-making, and we commend the enterprise shown in this admirable production.



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LACO-MASCHINEN-FABRIK Paul Tschentscher, Leipzig, W. 33 (Germany) supply Bronzing machines with sevenfold dusting.


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CARLAW, DAVID, & SONS, LTD., 31, Finnieston Street, Glasgow. High Speed Adjustable Envelope making Machines for all sizes and shapes; Blank Cutting Machines; Cutters; Embossing Machines, etc.

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H.T.B. LTD., Blackhorse Lane, Walthamstow, E. 17. Sole Manufacturers and distributors of H.T.B. Full Automatic and Semi-Automatic FEEDERS. Telephone Number Walthamstow 0211.

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PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C. 2. Printers in Russian, Polish, Czecho-Slovakian, German (Gothic) and all Foreign and Eastern Languages. Tel.—Bishopgate 8121 (3 lines)

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OIDAS METALS CO., LTD., 3, New London Street, E.C. 3. Telephone: Royal 7791. Specialists in the Manufacture of Lino, Mono, Stereo and all Type Metal. Specifications absolutely guaranteed. Reasonable Prices.

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JOHAN & WM. BURT & SONS, LTD., 156, Caledonian Rd. London, N. 1 (Tel: North 3487/8) Sole Agents for "Auto-Phoenix" Two-Revolution, Step Cylinder and Platen Presses.

London Agents for Ratcliff's "Reliable" Direct Rotary, Rotary Offset and Tin Printing Presses.

ROLLER COVERINGS

 **NATIVE PLATE** ROLLER COVERINGS

MINTON, LOUIS, Trevelyan Buildings, Manchester. LITHO INKERS, DAMPERS, VARNISHING, LETTERPRESS, DIE-STAMPING, NEWSPAPER, ETC.

ROTARY WEB PRESSES

 **C**RABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E. 1. Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGH-SPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

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HOE & CO., LTD., R., 109-112, Borough Road, London, S.E. 1. Tel.: Hop 6604. Telegrams: Expugnator-Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

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DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.


LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. 'Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting.

STEREOTYPING MACHINERY, ETC.

 **C**RABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. ROTOPLATE (Reg. Trade Mark) and ROTOSHAVER Casting and Finishing Machines.

LIGHT & Co., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. Sole Agents for the "WINKLER" Automatic Moulding Press, Automatic Plate Casting Machine, etc.

TINPLATE DECORATING MACHINES

 **C**RABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C. 1. Makers of "Rapid" Tinplate Decorating Machines with Semi-Automatic Pile Feeder, Tin Varnishing, Coating and Lacquering Machines.

Commercial Review

Current Share Prices

Allied Newspapers ord. 2½s. 9d., 23s. 1½d., 8 p.c. cum. pref. 21s., 5½ p.c. 1st deb. 90; Allied Northern Newspapers 6½ p.c. deb. 98, 96½; Amalgamated Press ord. (10s.) 20s. 9d., 7 p.c. cum. pref. 19s., 18s. 6d., 5½ p.c. deb. 89; Associated Newspapers 22s. 9d., 22s., def. (5s.) 29s., 26s. 3d., 5 p.c. cum. pref. 16s. 9d., 17s. 6d.; Cassell 7½ p.c. pref. 20s. 3d.; Daily Express Building 6 p.c. 1st deb. 94½; Daily Mirror Newspaper (5s.) 23s. 6d., 23s. 3d., 8 p.c. pref. 25s. 10½d.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 104; Thomas De La Rue 10s. 9d., 4½ p.c. 1st deb. 70; John Dickinson 40s., 41s.; Eyre and Spottiswoode 4½ p.c. deb. 83; Financial News 6 p.c. 2nd pref. 14s.; Financial Newspaper Proprietors 16s.; Financial Times 23s. 6d., 22s. 9d., 7 p.c. cum. pref. 20s. 9d.; Ilford 50s. 9d., 6 p.c. cum. pref. 20s. 6d.; Illustrated Newspapers 9s. 4½d., 9s. 7½d., 7 p.c. cum. pref. 14s.; Kelly's Directories 7½ p.c. cum. pref. 22s.; Lamson Paragon 20s. 3d., 5½ p.c. cum. pref. 17s.; Lanston Monotype Corporation 36s. 6d., 37s. 6d.; Northcliffe Newspapers 5½ p.c. deb. 93, 93½; George Newnes (10s.) 22s., 6d., 5 p.c. cum. pref. 15s. 3d., 7 p.c. 2nd cum. pref. (10s.) 9s. 1½d., 9s. 6d.; Odhams Press (4s) 6s. 6½d., 6s. 11½d., 6 p.c. pref. 14s. 6d., 15s., 6½ p.c. deb. 99½; C. A. Pearson 5½ p.c. cum. pref. 15s. 6d.; Sunday Pictorial Newspapers 56s. 10½d., 57s. 8 p.c. cum. pref. 24s. 1½d. xd.; Raphael Tuck 21s., 5½ p.c. cum. pref. (£5) 85s.; United Newspapers 7½ p.c. cum. pref. 13s. 9d.; Waterlow and Sons def. 36s. 6d., pref. 21s., 4 p.c. pref. (cum.) 14s.; Weldons pref. ord. 10 p.c. cum. 13s. 1½d., 6 p.c. cum. pref. 11s. 6d.; Winterbottom Book Cloth 5 p.c. deb. 100½; Wyman and Sons 51s. 3d., 7 p.c. cum. pref. 21s., 6 p.c. cum. pref. 18s. 6d., 18s. 9d., new 7 p.c. pref. 22s.

Dividends and Reports

ARGUS PRESS.—Net profits for 1929 £65,254 (£62,917); to general reserve £20,000 (£15,000); final dividend on ordinary shares of 20 per cent., making 25 per cent. for year (same); forward £2,023 (£3,875).

New Companies

THE FIELD PRESS (1930), LTD.—Capital £462,500, in 100,000 5½ per cent. cumulative preference and 350,000 "A" ordinary shares of £1 each and 250,000 "B" ordinary shares of 1s. each; to acquire the business of publishing the *Field* and *Queen* and other newspapers and publications carried on at Field House, Brems Buildings, E.C., to adopt an agreement with the Field Press, Ltd., and C. D. Ross, the liquidator thereof. Private company. Directors: Sir Robert L. Harmsworth, Bt., H. C. A. Harmsworth and F. Bailey. Registered office: Field House, Brems Buildings, E.C. 4.

LONDON COUNTIES PUBLIC PRESS, LTD.—Capital £7,500, in 6,000 preference shares of £1 each and 30,000 ordinary shares of 1s. each; printers, publishers and circulators of newspapers, magazines, periodicals, etc. Private company. Directors: E. H. Hayward, J. B. Parnham, and C. E. T. Williams. Solicitors: D. Edgar Rodwell and Co., 4, Half Moon-street, W.1.

CHILEAN REVIEW, LTD.—Capital £6,000, in 5,000 "A" shares of £1 each and 20,000 "B" shares of 1s. each; to acquire the business of proprietors and publishers of the newspaper or periodical known as the *Chilean Review* and to adopt an agreement with Senor Don Vicente Echeverria. Private company. Directors: Vicente Echeverria and A. Fergusson. Registered office: 2, York Gate, Regents Park, N.W.

CECILLOYD PRESS, LTD.—Capital £600, in £1 shares (500 6 per cent. cumulative preference and 100 ordinary); advertising agents, newspaper proprietors, printers, publishers, etc. Private company. Directors: W. C. Gibbings, 30, Castle-street, Winton, Bournemouth, chairman and managing director, and C. H. Lloyd.

CUNNINGHAME (STATIONERS), LTD.—Capital £500, in 450 preference and 50 ordinary shares of £1 each; stationers, printers, lithographers, engravers, etc. Private company. Directors: Margaret S. Cunningham and Helen P. Martin. Registered office: 48, Buchanan-street, Glasgow, C.1.

PHOTOLINE, LTD.—Capital £100, in £1 shares; to adopt an agreement with A. Dutton and to carry on the business of printers, stationers, manufacturers of printing machinery, photographers, photographic printers, etc. Private company. Directors: G. O. Sharman and A. Dutton. Registered office: 18, Water-street, Liverpool.

HEALTH PUBLICATIONS, LTD.—Capital £500 in £1 shares; printers, publishers, advertising agents, etc. Private company. Subscribers: P. H. Jones and H. C. Gaffrey. Solicitor: T. E. Evans, 1, Gray's-inn-square, W.C.1.

GOLFING, LTD.—Capital £1,000 in £1 shares; to acquire the business of a newspaper proprietor and publisher now carried on by W. D. Ross at 222, Strand, W.C., under the style of "Golfing." Private company. Directors: W. D. Ross and R. Browning. Registered office: 222, Strand, W.C.2.

FALCON SERVICE, LTD.—Capital £600 in £1 shares; advertising service agents and contractors, advertisement writers, etc. Private company. Directors: H. E. Watson and C. M. Western. Registered office: Cursitor House Cursitor-street, E.C.4.

HEADLY AND CO., LTD.—Capital £1,000, in £1 shares; to acquire the business of paper cup manufacturers and dealers carried on by E. B. Brown and Muriel H. Brown as Headly and Co. at Dunstable. Private company. Directors: Muriel H. Brown and E. B. Brown. Registered office: Crimp Case Works, Great Northern-road, Dunstable.

Mortgages and Charges.

UNITED NEWSPAPERS, LTD.—Debenture charged on lands, etc., in Crown-court, Fleet-street, Whitefriars-street, Hanging Sword-alley, Salisbury-court, and Salisbury-square, E.C., 12 566 7 per cent. first preference, 573,335 7 per cent. preference, and 452,337 ordinary shares in Provincial Newspapers, Ltd., and the company's undertaking and property, present and future, including uncalled capital, dated February 25th, 1930, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd.

WHITEFRIARS PRESS, LTD., (London).—Satisfaction to the extent of £1,000 on June 30th and to the extent of £1,000 on December 31st, 1929, of second mortgage debenture dated December 8th and registered December 11th, 1925, securing £10,000.

C. E. JACKSON AND CO., LTD. (printers, etc., London).—Land registration charge on 92A, Southgate-road, De Beauvoir Town, N.1, dated February 20, 1930, to secure all moneys due or to become due from the company to the Midland Bank, Ltd.

ABERCORN PRESS, LTD. (London).—Particulars filed of £1,500 debentures authorised February 7th, 1930, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued.

BRITISH COMMONWEALTH TRADE PRESS, LTD. (London).—Particulars filed of £2,500 debentures authorised February 18th, 1930, charged on the company's undertaking and

property, present and future, including uncalled capital, the whole amount being now issued.

EVERLEIGH NASH AND GRAYSON, LTD. (publishers, etc., London)—Debenture dated February 6th, 1930, to secure £2,000, charged on the company's undertaking and property, present and future, including uncalled capital. Holders: Liver Securities, Ltd., 22, St. Mary-axe, E.C.

ELMUTT CLIFTON, LTD. (printers, etc.).—Charge on 8, Stone street, Brighton, dated February 22nd, 1930, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd., not exceeding £1,200.

CHARLESWORTHS (HOLMFIRTH), LTD. (printers, etc.).—Two mortgages dated July 29th, 1929, charged on certain land and premises in Holmfirth (property acquired October 15th, 1929), on which £150 and £800 respectively was owing on November 1st, 1929 (now registered pursuant to Section 91 of the Companies Act, 1929). Mortgagees: (1) Mrs. E. Charlesworth, 52, Huddersfield-road, Holmfirth, and others, and (2) Miss A. Wagstaff, "Glenside," Dunford Bridge, Penistone, Yorkshire. Also charge on same property, dated February 20th, 1930, to secure £175 6s. 8d. Holder: John Heywood, Ltd., 121, Deansgate, Manchester.

AMALGAMATED WALLPAPER MILLS, LTD. (London).—Mortgage on freehold premises at Greenford and Northolt, Middlesex, and 23, St. Mary-le-Port street, Bristol, and leasehold premises, 189, Manchester street, Oldham, dated February 19th, 1930, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd., not exceeding £6,500.

MODERN WALLPAPERS, LTD. (London).—Debenture charged on the company's undertaking and property, present and future, including uncalled capital and good-

will, dated February 19th, 1930, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd.

TIMBER NEWS, LTD. (London).—Particulars filed of £3,425 debentures authorised February 3rd, 1930, charged on the company's undertaking and property, including uncalled capital, the whole amount being now issued.

Receivers Appointed or Released

EDWARD HUNTER (1929), LTD. (advertising agents, etc. London).—H. G. Howitt, C.A., of 11, Ironmonger-lane E.C., was appointed receiver on January 7th, 1930, under powers contained in debentures dated July 12th to November 6th, 1929.

From the London Gazette

PARTNERSHIP DISSOLVED.—E. G. Hearn and F. A. Murphy, advertising contractors, 58, High-street, Harlesden, N.W.10, under the style of Hearn's Advertising service

THE BANKRUPTCY ACTS, 1914 AND 1926: RECEIVING ORDERS.—W. Willmott, Downview, White Rose-lane, Woking, and lately carrying on business at Kent House, 87, Regent-street, London, W.1, director of a printing company; H. Bottomley, journalist, of and lately carrying on business at 20, Grosvenor-gardens, London, S.W.1.

BENEFITS

A trade organisation is judged by the generosity of the benefits it provides for its members.

THE PRINTERS' PROVIDENT ASSOCIATION provides Unemployment, Superannuation and Funeral Benefits upon terms which are lower than those of any other trade organisation.

The Society is the pioneer in the printing trade of the movement for joint associations of employers and employed.

It is the originator of the scheme for contributory insurance whereby employers assist in providing benefits of a reasonable nature for workers engaged in the craft.

Forms of application for membership and further information with pleasure from the Secretary:—

STANLEY G. C. JACOBS,
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MAY WE SEND YOU A TRIAL TIN and also our Specimen Book?

Manufacturers also of Varnishes and Colours of Proved Dependability

A New Printing Ink

Water-Colour Effects without Difficulty

Very fine results can be obtained by the use of water-colour inks, but there are apt to be certain difficulties which render them of limited utility from a commercial point of view. It is therefore gratifying to learn that a series of inks have been produced which have all the brilliancy and delicacy of water-colour inks, but without certain troublesome disadvantages.

"Pastello" inks, as the new products are called, are manufactured by Messrs. Shuck, Maclean and Co., Ltd., the printing ink firm of Gunpowder Alley, London, E.C.4, who evolved the process while making researches into the possibilities of water-colour inks. "Pastello" inks are inks that dry with a matt water-colour effect, the chief advantage over water-soluble inks being that they are quite unaffected by moisture when on the paper; indeed, it is claimed on reputable evidence the prints can actually be boiled without any perceptible change taking place.

A representative of the *British and Colonial Printer and Stationer* who inspected some prints produced by means of "Pastello" inks was struck by the bright pastel effects obtained, and the absence of a "shiny" finish. The inks print easily on all kinds of papers, the depth of shade being surprisingly good on coloured papers, where normally it is difficult to obtain strong and bright results in a single printing. Even on black paper the covering power is remarkable.

With these inks there is no need for the precaution necessary with some water-colour inks, of coating the rollers with varnish in order to render them impervious to water. The new inks are said to have no detrimental effect on ordinary compo rollers. Ordinary line blocks, etc. (though not as yet half-tones) also require no special treatment.

A large number of samples produced with the new inks were shown to our representative by Mr. D. Maclean, managing director of the firm, and they appeared to provide conclusive proof that the inks are adaptable to very varying conditions. An illustration for a calendar, produced by the ordinary three-colour method, and the same illustration produced with "Pastello" inks were laid together for purposes of comparison. The difference was amazing, the new inks giving much brighter effects with a total absence of gloss, owing, of course, to the special mediums used, whilst the colours stood out naturally and prominently.

It appears there is no need to run sheets through twice to get solid results, even a white ink made up in the same way gives excellent results with one printing. Drying is fairly quick, and a few drops of a special reducing medium remedy any distribution difficulty.

Great interest is being shown in the new inks from all quarters, and Mr. Maclean informs us that a number of samples sent out to the trade have already brought very gratifying response.

AN advertisement, recently photo-telegraphed to Berlin on a Friday evening by the Derrick Advertising Agency of London, was published with completely successful results in the mid-day edition of the *Berliner Zeitung* on the following Monday. This is the first time that the latest telegraphic development has been utilised for the transmission of an advertisement.

PREPAID ADVERTISEMENTS

The Minimum Charges for Three Lines, with an average of eight words to the line, for Advertisements under the headings given below are as follows (extra lines at proportionate rates):—

		Three Lines	
		s.	d.
Agencies	...	3	0
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The following are the rates for Advertisements classified as under:—

		Per Line	
		s.	d.
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Replies may be addressed to Box Numbers. Offices of this journal for which a fee of 6d. is charged to cover postage of replies.

Annual Subscription (post free) 17s. 6d.

Cheques and Post Office Orders to be crossed and made payable to STONHILL & GILLIS, Ltd., 58, Shoe Lane, London, E.C.4

Telegrams: STONHILL, LUD. LONDON Telephone: 2439 HOLBORN

SITUATIONS VACANT

COUNTY BOROUGH OF WIGAN.

BOROUGH TREASURER'S DEPARTMENT.

APPLICATIONS are invited for the position of a PRINTING and STATIONERY CLERK, to take charge of the Printing and Stationery Section of the Borough Treasurer's Department.

Applicants must have a thorough knowledge of the Printing and Stationery trade, and be fully competent to draw up necessary contract schedules and to undertake the purchase of stationery, printing and school material supplies.

The commencing salary will be £280, rising by annual increments of £15 to £340 per annum.

The appointment will be subject to the provisions of the Local Government and Other Officers' Superannuation Act, 1922, and the successful candidate will be required to pass a medical examination.

Applications, endorsed "Stationery Clerk," accompanied by copies of three testimonials, should reach me not later than Saturday, the 22nd instant.

W. H. TYRER,
Town Clerk.

Municipal Buildings,
Library Street,
Wigan.

March 6th, 1930.

15437

WANTED, AGENTS and SALESMEN, to sell Fancy Papers, Fancy Bookbinding Papers and Fancy Cover Papers; the papers offered are most exclusive, and we claim to be the only mill in this country manufacturing such grades; good commissions offered to likely agents; must have direct connection with the user.—Write, stating area worked, also giving a list of the people to whom you would sell, to Box 15438.

MACHINERY FOR SALE

FOR SALE, MANN DOUBLE CROWN, converted into Flat-Bed Offset by Eyres; in splendid condition; can be seen by arrangement; in Newcastle district.—Box 15436.

ENTITLED "Printing in the United States of America and Canada: Industrial and Educational," a neat booklet has been published comprising the report made to the members of the Advisory Council of the London School of Printing by Mr. J. R. Riddell, the principal, as a result of his recent tour.

EDWIN W. EVANS*Auctioneer and Valuer*TO THE PRINTING AND
ALLIED TRADES**"Chronicle" House, 72-78, Fleet St.
London, E.C.4**

Telephone: Central 6878.

Telegrams: "Printauct, Fleet, London"

Fire Loss Assessor—Newspaper Valuer—Rating Surveyor**The FISHER BOOKBINDING
Co., (1912) Ltd.**St. Ann's Works, Herne Hill, London,
S.E.24*Managing Director*
Miss G. V. WoodmanWatch for the King-
fisher Talks on "The
Evolution of Book-
binding," in the first
week of each month.*Expert Typography for Printers***LANGLEY'S**OFFER A FIRST CLASS SERVICE
LAYOUTS AND SETTINGS

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THE BRISTOL PHOTO-ENGRAVING Co., Ltd.
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BRISTOL.

LINE
HALF-TONE
and
COLOR
BLOCKS

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DESIGNS
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PHOTO-LITHO
TRANSFERS

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Process Blocks of Every Description**38, FARRINGDON STREET, LONDON, E.C.4**

Phone Central 1086

Established 1882

ESTABLISHED 1874
Every Die Sinker in our employ served his apprenticeship with the firm

G. H. MADDIN & CO. Ltd.
Engravers & Die Sinker
Cameo Printing Dies & Embossing Blocks
of every description for Card Cases & Distinctive Work
ORIGINAL DESIGN & FRETWORK

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ENGRAVING CO., LTD.**12 & 14 FARRINGDON AVE.
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7416 - 7417**GOOD SERVICE****COMMERCIAL ARTISTS**

AND

ADVERTISERS PHOTOGRAPHERS**PRESS CUTTING AND GENERAL
ADVERTISING AGENCY****WOOLGAR & ROBERTS****1, Dorset Buildings, Salisbury Square, E.C.4****INFORMATION
SUPPLIED**on any subject at
the lowest possible
termsAll orders executed by a thorough practical Staff.
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- " Wire Stitchers - Folders
- " Thread Book Sewing Machines
- " Thread Stitchers, Etc., Etc.

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FIBRETTE is the**BEST QUALITY
LEATHER PAPER**Write for a Sample
Book to the Manu-
facturersAlso
Cloth Imitation
and**"CLOTHETTE"****GARWOOD & MUDDIMAN, LTD.****40, SOUTH LAMBETH ROAD,
VAUXHALL, LONDON, S.W.8****COMPS LTD.****15, Kirby St., Charles St.,
Tel. Holborn 2253 E.C.1**

SPECIMEN BOOKLET ON REQUEST

for TRADE LINO

**Contractors for the past Sixty years to H.M. Printing Offices,
Hon. Board of Inland Revenue and the Printing Trade generally**



Registered Trade Mark

Established 1868

**KNOWN THROUGHOUT THE WORLD FOR
THE PAST SIXTY YEARS FOR QUALITY**

Rollers

for every class of Letterpress Printing on every description of Machine. - *Price List on request.*
We have the largest and most up-to-date Roller Casting Plant in the Kingdom.

Compositions

for Home & Export, to suit all climates and conditions.
Remeltable many times. - - - Easy casting.
None but the finest and most suitable materials used.
Look for the Trade Mark, as above, on every slab.
Obtainable from all Importing Houses.

"The Durable" Printers' Roller Co. Ltd

14 CHARLES ST., HATTON GARDEN, LONDON, E.C.1

Lt.-Col. E. L. MARLER

Managing Director

"MONOTYPE" STANDS UP TO STEREO!

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The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 73

LONDON: MARCH 20, 1930

EVERY THURSDAY
PRICE THREEPENCE

The "B & C" is a newspaper . . . each of its articles, each advertisement too, has news for the progressive printer . . . and it is the *progressive* printer that can best realize the possibilities of the versatile "Monotype." We are therefore offering quite free of charge to any reader of

THE BRITISH AND COLONIAL PRINTER

a copy of the useful new "Monotype"

Scribbling Block with its calendar, memo. sheet, inch and pica scales. The paper is smooth, and a bright tip identifies it on a crowded desk: it's worth sending for!

LANSTON MONOTYPE CORPORATION
LIMITED
43 FETTER LANE
LONDON, E.C.4

TO
THE
LANSTON
MONOTYPE
CORPORATION LTD.

43 FETTER LANE, E.C.4

Please send me a free copy of the
"MONOTYPE" SCRIBBLING BLOCK

NAME

FIRM

DEPARTMENT

ADDRESS

"Fryotype" Printing Metals

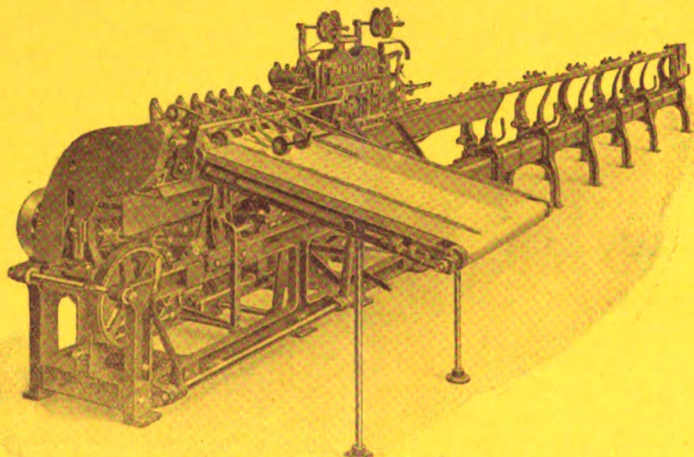
WHEN STOCKS ARE LOW — Hop 4720

It's not a fully equipped factory without—

“BREHMER” STITCHING MACHINERY

The No. 135 Feeder Wire Stitcher

for collating and saddle wire stitching Pamphlets, Exercise Books, Magazines and Periodicals, will be found a most rational proposition for all binderies which have considerable quantities of work involving collating and saddle stitching: working at enormous speeds it performs much more quickly and inexpensively, work, which if produced by hand labour is not only tedious but very costly.



The machine handles a range of work, from 6" x 3" up to 27" x 12", and can operate with two to six Wireheads, making use of either two to eight Stations. A good feature of this machine is the fact that stitches can be staggered in successive booklets to obviate back swell and consequent difficulties on the trimming machines.

The machine is fitted with a very efficient Packer from which the work can be simply and instantaneously removed.

BREHMER'S No. 135 FEEDER WIRE STITCHER

BREHMER'S No. 4a. "UNIVERSAL" WIRE STITCHING MACHINE

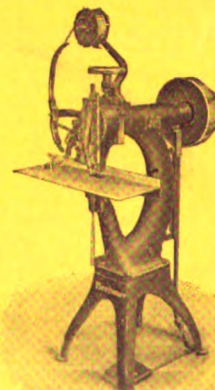


works with round wire from the reel, producing its own staples, and stitching from two sheets of paper up to a maximum thickness of 7/8"—it is suitable for stitching Pamphlets, Magazines and Pads, and uses round wires 20 to 30. The staples may be inserted through the fold with the staple legs clenched inside or outside, or they may be inserted through the side of pads. The machine has two Wireheads, one for thin work, and one for thick work, and operates at any speed up to 150 stitches per minute, fitted with Quick Change Wire Feeding Mechanism.

BREHMER'S No. 103 "RAPID" WIRE STITCHING MACHINE . . .

will stitch any thickness from two sheets up to 1" of hardest paper without difficulty—noted for the single adjustment device, one Hand Wheel, the turning of which automatically regulates the Wire Feeding, Staple Forming, and Clenching Mechanisms.

This machine will stitch either through the side of the work or through the fold with the staples clenched inside. The machine uses round wires and also narrow flat wires, and is capable of operating at any speed from 125 to 250 stitches per minute.



These machines are most strongly constructed—a factor which guarantees durability, and enables high working speed without causing breakages and spoilage of work.

AUG. BREHMER'S (BRITISH) SUCCESSOR, LTD.
12, CITY ROAD, ————— LONDON, E.C.1

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The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 108
NEW SERIES No. 73

LONDON: MARCH 20, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

TRADE continues to be poor, especially in the industrial towns of the North, and it has to be admitted that the prospect is extremely gloomy. As we pointed out last week, price-cutting is rife among printers, and there is abundant evidence that it is not only being encouraged but taken the fullest advantage of by customers. Buyers of printing who have hitherto been satisfied to place repeat orders with their own recognised printer are circulating their inquiries now in the sure hope that some saving will be effected in the stationery bill. Inevitably, when half-a-dozen printers tender for a job, no matter what nature or quantity, there is a wide margin of difference in price between the lowest and highest estimates. There is equally certain to be at least one cut-throat effort, and it is almost in the natural order of things that the best of customers are brought to believe that they have previously been overcharged by their own printer. In rare cases the assumption is entirely correct, and a too expectant printer is shown up. We have in mind an instance of recent date in which a printer who had been charging 14s. per thousand for certain forms found himself in competition for the first time and faced a situation in which the fair price would be shown to be not more than 6s. per thousand. His estimate went in at round about the fair figure but a local enthusiast closed his eyes to facts and quoted 5s. per thousand, an impossible price but likely to secure the order. Our information (on good authority) is that the original

printer has plundered, or blundered, for the last time, and will have no opportunity to retrieve the position.

We hear of districts in which printers are working week on, week off, and still cutting against one another to secure some share of the small amount of business that is available. In Lancashire, Yorkshire and the north-eastern counties particularly, where there is acute distress in the smaller towns dependent upon cotton, wool and engineering, this condition obtains and we find on inquiry that local printers are beset with the additional menace of competition for their work from printers in larger cities outside their area. It is easy to appreciate that the users of printing in the distressed areas are forced to spend as little as possible on printing and stationery, and to buy at the lowest price obtainable. It is not necessary for one printer to tell another that the buyer of printing in these areas can easily carry out his economy programme in his own district, without pitting the printers of adjacent big cities against the local group. One drawback to collective helpfulness among the local printers themselves is the realisation that all their best endeavours to help one another may be negated by the intrusion of outside forces. It is perhaps necessary to observe that any orders secured by outsiders (except for specialised work) must essentially be at cut and inappropriate prices having regard to the desperate efforts made to retain business within the district.

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WHAT we have to suggest is that steps should be taken to schedule necessitous small towns and districts where short time is of an abnormal nature, with a view to assisting local offices. An appeal would be made to outside printers to exercise a wide and helpful measure of discretion in dealing with unusual inquiries received from these areas. We can well imagine the nature of comment with which such a proposition will be met in some quarters; but there is surely some justification for hoping that master printers are federated for other reasons than self-consideration. We are fully aware of the difficulties in the way of organising solid support for colleagues whose trade has been badly hit. On the other hand, we are hopeful that a sufficient number of more fortunate printers will exercise such restraint over their estimating and sales-scouring proclivities as to make a helpful contribution to the order books of fellow members of the Federation whose overhead costs are sadly out of tune with their production through the distressed condition of local industry.

* * *

WE are assured on reliable authority of the truth of the following incident, which demonstrates more forcibly than statistics the state to which some users of printing have been brought. A textile manufacturer, bringing economy in overheads to its lowest pitch, sent out his correspondence on a common piece of sulphite cap paper, with the name of the firm impressed from a rubber stamp. This—at a time when paper merchants, stationers and printers are collectively concerned in a campaign for the promotion of better stationery for better business—is a striking commentary. One can almost be brought to wonder whether advocacy of increased expenditure on a higher standard of business stationery is warranted under all circumstances. There are cases where economic investment in stationery is the right course to advise and advertise. In actual fact, despite efforts to uplift the quality level of stationery, the tendency at present, not confined to less fortunate users, is to reduce stationery quality and cost to its lowest possible level. Coincidentally, we are inclined to believe, there is a closer regard for well arranged and well printed stationery which in the end is calculated to give a good appearance to poor paper.

* * *

WE do not advocate either poor paper or cheap stationery; though, if we had to choose between adequate publicity and cheap stationery or restricted publicity and good stationery, our vote would unhesitatingly go to the former. The printer's policy should be based on fitness according to purpose and circumstance. The requirements of each individual customer should be regarded as a matter of concern to be surveyed and advised upon according to the particular merits of the case. There are customers who should be educated to realise the value of better stationery, and others who are best served by advice which leads directly to a saving of expenditure. There are customers who should be encouraged to increase their advertising appropriation, and others who should curtail their efforts or aim at greater concentration. The printer who is most fully informed as to the merits and otherwise of better stationery, more print and like subjects of fashionable invocation, is best equipped to give that service which is best valued by the customer who looks to his printer for constructive help and advice.

Personalia

THE Prime Minister mingled freely with printing employees—compositors, machine-men, process workers and others—when on Sunday he visited the offices of the *Daily Herald*, on the eve of the first issue of the paper in its much improved and enlarged form.

BESIDES conversing with Mr. J. S. Elias and the editor of the paper, he found opportunity for a chat with many of those he saw at their work.

MR. J. S. ELIAS, managing director of Odhams Press, Ltd., has accepted honorary membership of the National Society of Operative Printers and Assistants.

MR. CLAUDE DICKENS has been made a director of Knighton and Cutts, Ltd., the photo-engravers.

MR. T. L. WHITEHEAD, managing director of the *Bury Times* Printing and Publishing Company, Ltd., and president of the Bury and District Master Printers' Association, was for twenty-six years honorary secretary of the Association.

APPRECIATION of this long service was shown by his fellow-members at a meeting the other evening, when Mr. Whitehead was presented with a silver coffee service. The presentation was made by his old friend and associate, Mr. T. G. Barlow.

MR. W. J. REEVE, one of the linotype operators of the *Western Morning News*, Plymouth, last week completed 50 years' continuous service on the mechanical staff.

MR. A. J. B. DAVIES, after 43 years' service with the Western Morning News Company, has retired on Saturday, March 8, the eve of his 70th birthday, under the provisions of that newspaper's pension scheme.

MR. ROBERT D. CHORLEY, the principal of the printing firm of Messrs. Chorley and Pickersgill, Leeds and London, gave an address on Thursday to the Leeds branch of the National Industrial Alliance, in which he challenged those who take a pessimistic view of the future of British industry.

ARRANGEMENTS for the Imperial Press Conference to be held in Britain next June include a reception by the Prime Minister and a luncheon given by the Lord Mayor at the Mansion House.

Modernistic Typography

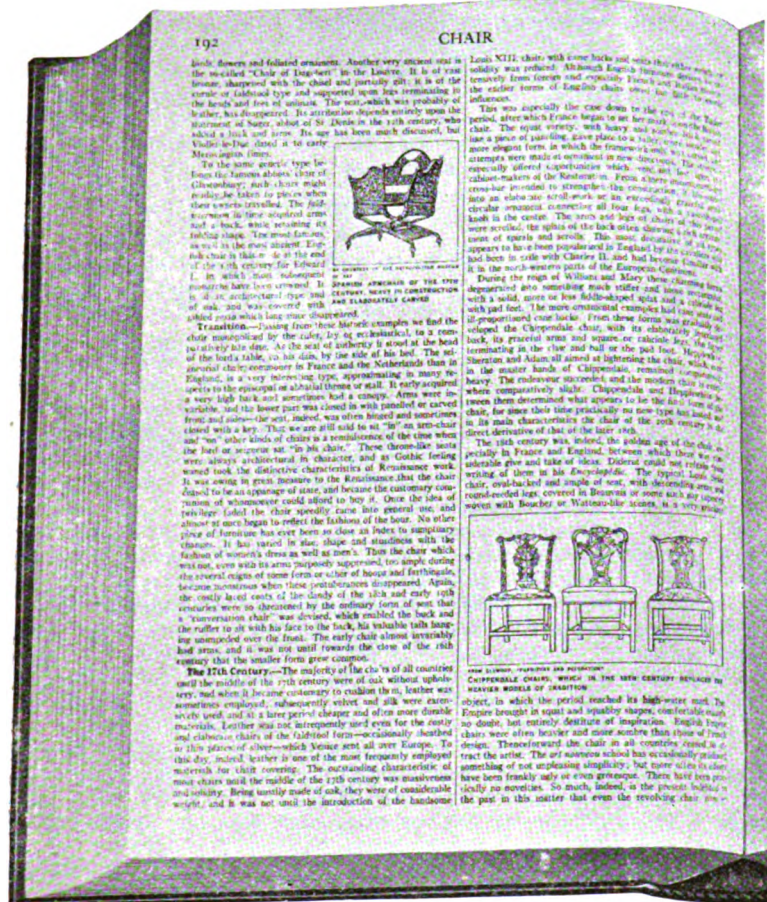
L.S.C. Jobbing Guild

Modern unconventional design in advertising was the subject of detailed consideration by Mr. H. L. Hawkins, at a meeting of the L.S.C. Jobbing Guild on Wednesday last week. Mr. S. Greenaway presided.

Mr. Hawkins explained the motives which lie behind the unusual modernistic or expressionistic treatment of certain forms of advertisement display, indicating the degree of success it attains, and comparing it with the more orthodox forms of advertising design.

Remarking that this form of art did not begin with advertisement design, Mr. Hawkins traced its origin back in various branches of art—painting, sculpture, architecture. With the aid of diagrams and illustrations, he explained the relationship of such designs to advertising display, giving some helpful suggestions as to its use and misuse.

THE BIGGEST BOOK JOB IN THE WORLD



One of the
24,000
pages set on
the Linotype

This is one of the
24,000 pages that
were set for the
ENCYCLOPÆDIA
BRITANNICA—
the biggest book
job in the world

REFERRING to this enormous work, one of the *Britannica* brochures says that it has made "a good many records, and not the least is the efficiency with which the mechanical preparation of the work has been handled . . . Excellence of this kind is the result of superior equipment, superior ability, and careful attention to details."

SPEED, economy, ease of handling—every typographic facility from A to Z—are, as in this case, best effected by means of the Linotype.

Your work can be handled just as expeditiously and economically.

LINOTYPE AND MACHINERY LIMITED . LONDON

Technical Examinations

Students and Examiners Exchange Views at Stationers' Hall

The eighth and last gathering of the season arranged by the Stationers' Company and Printing Industry Technical Board, held at Stationers' Hall last Friday evening, was one of the most unusual and interesting events held under these auspices.

Four examiners on printing technical subjects gave a ten minutes' address each on how, in their opinion, candidates should approach and answer questions set at the various technical examinations. Unfortunately, Lieut.-Col. R. F. Truscott, O.B.E., M.A., one of the expected speakers, was unavoidably absent through illness, but his paper was read by Mr. R. H. Watkins. Other speakers—Messrs. A. H. Wilson, W. G. Peer and T. G. Bergin—gave informative addresses.

UNDERSTANDING OR MORE KNOWLEDGE

Colonel Truscott's particular aspect of the discussion was from the direction of costing, and his remarks were eagerly looked forward to, as a recent paper set by him was of so unusual a character that it called forth many comments both from students and instructors.

In his paper, Col. Truscott wrote: "Some people allege that examinations constitute a most unsatisfactory method of ascertaining whether any students have qualified or not for any position, or have reached any desired standing—indeed it has been described as a system 'where the foolish ask questions which the wise cannot answer.' . . . In my opinion," he proceeded, "we overcome many of the objections to examinations if the examiner keeps firmly in mind when setting the questions, and in correcting the papers, what it is he wishes the candidates to show of themselves, what qualifications he is testing. The questions should be designed with this in view, and they must be in accord with that purpose. They must be related to life and its actualities. They must in fact be a test not so much of *knowledge* as of *understanding*. It is no use a student being 'crammed' with facts if he cannot apply them.

"Let me illustrate my point from the paper I set to the students of costing. This is an examination—a technical examination—to ascertain whether those who have been studying the subject are fitted to become costing clerks. For that position it is no use having knowledge by rote; you want understanding as well as knowledge, intelligence as well as learning; for it is clearly no good having the knowledge unless you can apply it to the conundrums of real life as they turn up. Therefore I ask all those sitting for the examination to put themselves for two and a half hours in a position, or in one very like it, in which they might afterwards find themselves.

"The first question in my paper in effect, merely asked: 'Why do you learn costing, or rather, what is the use of costing?' It is no use learning how to cost unless you know what costing is for, and I am bound to say that as a whole I was very disappointed in the results. Very few could really give concisely and clearly the use of costing."

Colonel Truscott went on to deal in critical fashion with other questions and the answers, and said that in all of them he endeavoured to please all parties. Because he had spoken of the faults, that was not to say there were no merits. There were a great many. He

concluded by offering the following advice to students for future guidance: "(1) Try and relate your studies to life, and see that you understand the real point of them. (2) Read the questions carefully, and see you only give in your answers such information as is relevant to them. (3) Practise writing concisely, and do not let your answers sprawl all over the place."

ADAPTING ANSWER TO QUESTION

Mr. W. G. Peer said that in the old days a quite common experience of his was to read paper after paper and find the answers couched in the same language, plainly indicating that the students had learned their subject in much the same way as they learned their tables at school. Since those days examinations held under the auspices of the Stationers' Company and the printing trades generally had been inaugurated, and it was understood that these examinations, while not superseding those of the City and Guilds, were regarded as of equal importance, and awards gained through the Stationers' Company were considered, especially in the London area, as being genuine evidence of a student's ability. This position had been achieved by the practical nature of the questions set, and by the consequent practical nature of the knowledge required to answer those questions.

Turning to the way in which questions were sometimes answered, he said it was often found that half the students had not read the question. Careful consideration of the question was necessary before any attempt was made to answer it. Another common fault was the tendency to extend the answer altogether beyond the scope of the question. On the other hand, a type of answer often met was one which bluntly answered the question without any attempt on the part of the candidate to concisely include all his knowledge on the subject. This did not mean "padding," however—another common fault which often involved unnecessary wordiness where a plain statement was obviously indicated. Finally, Mr. Peer urged his audience to come to the examination tables free from that nervous apprehension which was the forerunner of failure.

GETTING THE PRACTICAL ATMOSPHERE

Mr. A. H. Wilson said that it had always been his endeavour to place on the question papers essentially practical questions in simple language. He suggested that on receiving the paper, the candidate should first spend three, four or even five minutes in carefully reading the paper and thoroughly grasping the questions thereon. The student should also try to assimilate the atmosphere in which he was placed, and realise that although he was writing replies to questions, he should at the same time give his replies in the same way as he would if he were faced with the actual job. The "key question"—that which carried the highest number of marks—should be carefully studied because if it were answered satisfactorily the remainder of the paper would present no great difficulty.

Mr. Wilson concluded: "In considering the replies given, the examiner is naturally brought to the point, sometimes wondering where the fault lies when considering the whole of the replies in a particular examination, and when trying to get down to this, it

Of course we've an ax to grind

every advertiser has! In fact it's an old saying about advertisers. You've read our ads before, and it's hardly necessary to remind you of our claims—to improve quality, increase output, reduce costs, and to make printing more profitable by means of the H.T.B. Combination Feeder. Yes, we've an ax to grind, all right

but it's your ax!

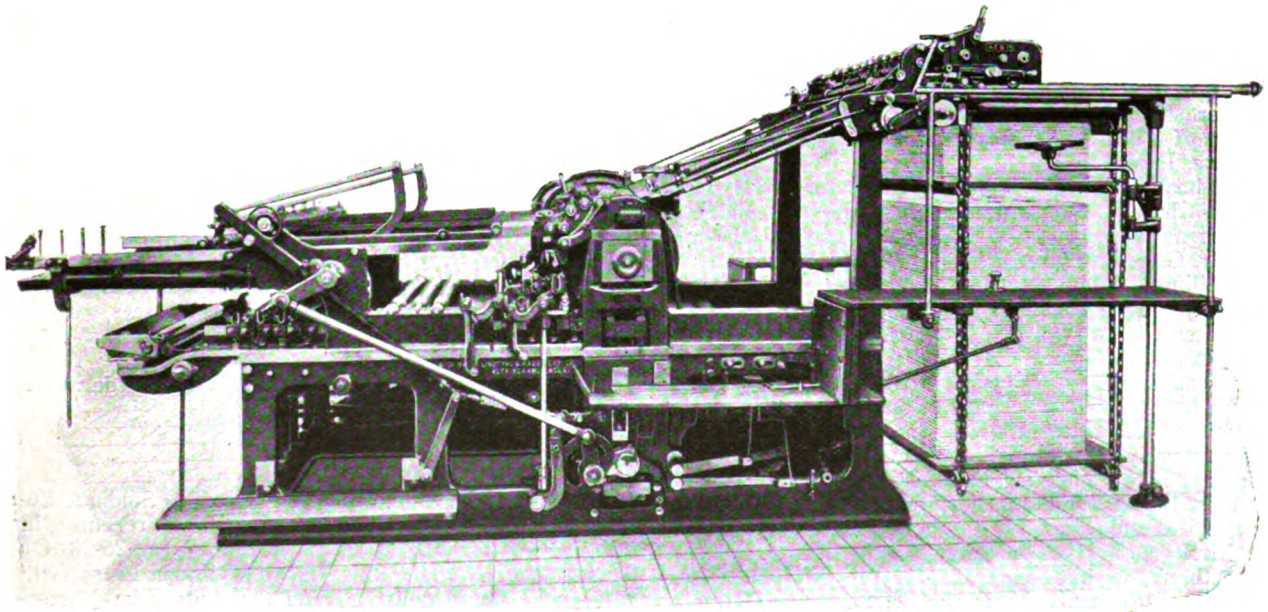
H.T.B. LTD.

**Blackhorse Lane, Walthamstow
London, E.17**

*Telegrams, Ardtoheat Waltstreet London
Telephone, Walthamstow 0211*

AGENCIES IN

Australia - Canada - South Africa



H.T.B. Combination Feeder in use as a full automatic on a Miehle two-revolution Press.

is naturally to be expected that the instructor is also brought into the picture; is he also somewhat to blame for the student not obtaining a higher percentage of marks? And I have to come to the conclusion that, considering the different psychology of the lads with whom he is brought into contact, he carries out his duties with a marked degree of success."

SYMPATHETIC EXAMINERS

Mr. T. G. Bergin said he would like the student to realise that examiners as a whole, as far as he knew, were always sympathetic to the candidates, and in most instances they felt happier if they were able to award first-class passes rather than relegate the student to a second-class or perhaps failure altogether.

Mr. Bergin spoke of the objectionable habit adopted by some examiners in setting trick questions to the students, and he instanced one that he had heard of as follows: "What is the difference between pica and double-crown?" Personally, he often learnt something from the answers given by the students.

When the meeting was thrown open to discussion, many pointed questions were put to the examiner, and spirited and lively exchanges took place. Without question, it was a most interesting and profitable evening, being not only of great assistance to the students themselves, but to the examiners who received many hints and suggestions which might be helpful on future occasions. The success of the evening can be judged from the fact that although it is the custom for these meetings to terminate promptly at 8 o'clock, it was not until some time after this hour that the chairman was able to apply the closure.

Litho Printers' Jubilee

London Celebration

Fifty years old and still going strong! Such a record deserves permanent recognition, and lithographers generally are proud of their union's achievement. The London branch, with their unflinching generosity, decided to mark the event by the endowment of a bed at the Lloyd Memorial (Caxton) Seaside Home, Deal.

A hearty welcome from the chairman of the Home (Mr. Chas. H. Roud) greeted the lithos assembled for lunch at the opening of the proceedings on Saturday.

Mr. G. S. Partridge, branch president, performed the unveiling ceremony, emphasising striking figures and features of the Society's progress.

After a few words of dedication from Rev. A. Taylor, M.A. (Vicar of St. Bride's), Mr. Woodgate Stevens spoke of the good work done by the Home and the need for a period of convalescence before resuming work after illness. He said such facilities must surely be granted as a matter of right in the future, if we intended to assist in the prevention of "lapsed cases" in our hospitals due to a premature return to industry.

Mr. H. F. Parker, secretary of the Home, expressed the thanks of his committee for the gift, and invited the party to inspect their excellent accommodation.

The visitors and friends again met for tea before returning to London. Among those present were Mr. and Mrs. Scorgie and several members of the committee, Mr. and Mrs. Woodgate Stevens, Mr. and Mrs. A. E. Mullins, Messrs. J. B. Aves, J. Bagg, W. Lucas, G. Shepherd, W. Creasey, M. Nason, J. Hannigan, F. W. Cox, B. Haynes, and P. B. Melling.

Rotary Press for Braille

Printer Lord Mayor's Interest

Described as the most important advance in Braille printing of the present century, the first rotary press for the production of magazines, newspapers and other literature in Braille type for the use of the blind, was officially set in motion by the Lord Mayor of London (Sir William Waterlow) on Monday.

The rotary press, which is the result of long experiment at the institute, can print 16,000 pages of Braille in an hour, which is five times greater than the output of any existing process. The stereotype plates of Braille are fitted on much smaller cylinders than those of an ordinary printing press. When set in motion the machine is fed from a reel of stiff paper, which is embossed on both sides as it passes between the cylinders, being afterwards cut into separate pages in its progress under the guillotine.

The press is to print a new publication for the blind to be known as the *Braille Mail*. It will contain 5,000 words and will weigh 5½ oz. The ordinary daily newspaper, which may contain about 100,000 words, weighs 5 oz.

Probably the printer who most appreciates the great advances made in Braille printing during the last 50 years is Mr. John Andrew Ford, who was presented to the Lord Mayor. Mr. Ford, the oldest Braille printer in the world, has been employed in the institute's printing department for over 50 years. He explained the laborious hand process originally in use.

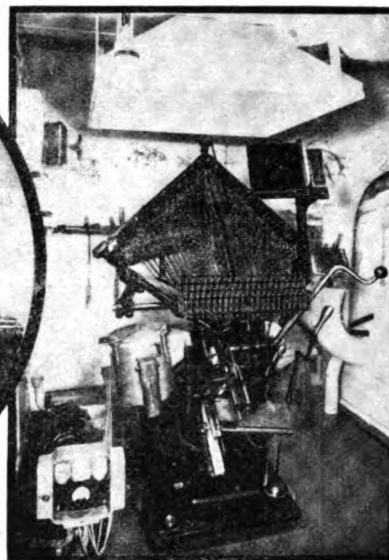
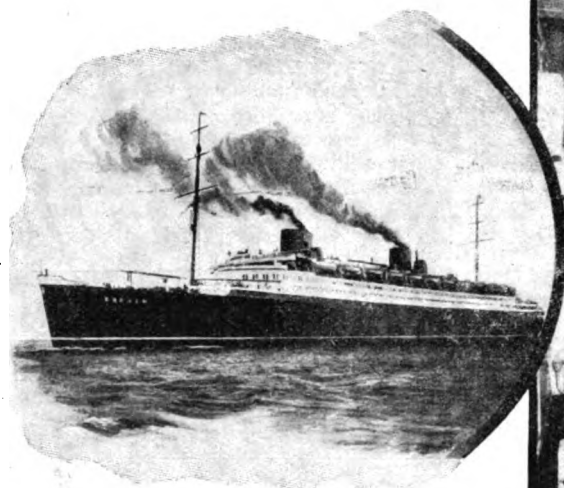
Sir William Waterlow said that the occasion was particularly gratifying to him on account of his life-long association with print. As one who knew something about printing machines, he readily realised the cleverness of the mechanism of this rotary, especially the manner in which it registered the embossing on both sides of the sheet without one side interfering with the other. The fact that they were producing five times as quickly by that machine than formerly meant a great reduction in costs, which would confer a great boon on the blind.

After Sir William had set the press in motion, Miss Hazel Winter, a blind student, read some of the Braille matter printed on the press, and she also presented the Lady Mayoress with a bouquet.

The Mayor of St. Marylebone proposed a vote of thanks to the Lord Mayor, which was seconded by Mr. A. Goode, chairman of the Printing and Kindred Trades' Blind Aid Committee. Among the distinguished company present were many representatives of the printing and allied industries, including Messrs. A. E. Goodwin (Federation of Master Printers), A. E. Holmes (Printing and Kindred Trades Federation), and Woodgate Stevens.

MACHINERY DEMONSTRATION.—Messrs. Soldans, Ltd. (44, Eagle Street, London, W.C.1) have recently installed a plant of letterpress machinery at 26-28, Old Street, E.C.2, where the Record Cylinder Press (with new air-control delivery) and the Auto-Elka Vertical Jobbing Press can be seen under average working conditions, producing work to schedule and to estimate. They invite interested printers, even though not in the market for new machinery, to visit the exhibit (by arrangement) and make the acquaintance of these machines, which have many new and important cost-saving features about them.

THE SPEED RECORD



is held by the S.S. "Bremen" for the Atlantic trip and it is no mere coincidence that this liner is equipped with a

TYPOGRAPH COMPOSING & LINE CASTING MACHINE

In the confined space on shipboard and the necessity that there exists for getting good, clean work in a convenient form out to time, the superintendent, whose duty it is to choose equipment, has decided that the TYPOGRAPH is the machine best suited to requirements. There can be no severer test than that of a machine required to produce slugs for a daily newspaper or all or any of the multifarious pieces of printing which are necessary at sea. From this test the

TYPOGRAPH "UNIVERSAL"

emerges triumphantly and it is no wonder that up and down the country more and more printers—large and small—have made up their minds to

INSTALL A TYPOGRAPH

The outstanding features of the machine are its simplicity, reliability and economy. In speed it is equal to any other Composing Machine: in flexibility and in quick change of matrices and mould it outdistances all others; only one magazine is necessary for any number of body sizes or faces of type and it casts a perfect slug. All this at a price which is slightly more than half that of its nearest competitor. Demonstrations are given daily at

FRANK F. PERSHKE, LTD.

NORFOLK HOUSE, NORFOLK STREET, STRAND, W.C.2
AND AT MANCHESTER, BIRMINGHAM AND DUBLIN

Works: BALHAM, S.W.17

Telephone: TEMPLE BAR 8613

"The Typograph casts the best slug in the shortest time by the simplest method."

Stereotypers' Overseers Make Merry

Association's Informal Dinner

The annual informal dinner of the Electrotypers and Stereotypers Managers and Overseers Association, held on Thursday, last week, at Carr's Restaurant, Strand, proved true to its description, the proceedings being carried through in a very informal, but extremely enjoyable manner. Though the chairman (Mr. J. Black, vice-president of the Association) contrived in an affable and pleasing way to keep the gathering thoroughly in order, he allowed a good deal of much-appreciated levity to be introduced. The company pre-

prominent employers and trade union officials tackled for the common good some of the most awkward questions. Mr. Warren, referring again to the chairman, said that as a responsible official of the Society for a considerable number of years, there was no overseer in London more respected by the men than Mr. Black. There was always something besides wages to consider, said the speaker: there were the conditions under which the men worked—and there was no man who had done more than Mr. Black to bring about healthy



Photo: Horne, King's Cross, London.

sent was well representative of the members, and included Messrs. A. Chadwell (president of the Association), W. Bullett (secretary), W. C. Warren (secretary, National Society of Electrotypers and Stereotypers), A. H. Howell, Hugh Dixon, Glen Steel, E. J. Harrison, C. E. Goddard, and W. M. Forsyth. In order to give as much time as possible to social intercourse, speeches were reduced to a minimum. The musical programme was supplied from amongst the members and their friends, and met with much approval. The few necessary toasts were brief, and the proposers, sensing the desires of their listeners, made their remarks appropriate to the occasion.

Mr. W. C. Warren, in proposing "The Chairman," said he regarded it as showing the hall-mark of popularity for any member of the Association to be asked to occupy the chair at their informal dinners. Continuing, Mr. Warren said the Association had probably done more good for their branch of the trade in London than the members realised. He thought employers, managers, overseers and workmen in the printing industry to-day could congratulate themselves on the excellent spirit that existed. He wished the same thing could be said of other branches of industry in the country. He had been for the last four years the chairman of the Betterment Committee of the J.I.C., and he had been struck by the earnest manner in which

conditions in the foundry. He understood that Mr. Black was shortly severing his connection with his present firm to take on an important new appointment in London and he (Mr. Warren) looked forward to continuing his present very pleasant relationship with him.

The toast was heartily accorded with musical honours.

Mr. Black, in returning thanks, said that with regard to Mr. Warren's remarks about his (Mr. Black's) desire that the worker should be given good conditions to work under, all he had done was only what he regarded as right. He was mindful of the excellent relations existing between the officials of the Union and the Association, and he hoped they would long continue.

The only other toasts were those of "The Visitors" (proposed by Mr. Black and replied to by Mr. T. Middleton and Mr. T. Cannon) and "The Stewards"—Messrs. J. Craske, H. E. Evans and W. M. Forsyth.

Under the musical direction of Mr. Pat Turner, an excellent concert was provided by the following artistes:—Miss Olive Palumbo, Miss Georgina Turner, Mr. Syd Barnard, W. Bishop, T. Middleton, G. Turner, Dan Brandon, E. J. Kennedy and Chas. Hardy (accompanist).

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Water-Colour Printing

By WILLIAM GAMBLE, F.R.P.S., F.O.S.

(Continued from page 248)

All I have said so far goes to show how very old is the idea of water-colour printing. The almost general use of oil ink put water colours out of use, but from time to time the idea was revived and patents were based on it. For instance, in 1869 there were patents issued to an inventor for water-colour inks consisting of pigments mixed with glycerine, gum, sugar and other substances soluble in water. A considerable use was found for water inks for the printing of cheque ground tints, and their use for this purpose continues to the present day.

RUBBER STEREOS

It should be noted that a considerable amount of printing has been done for many years past with water-soluble inks for bag and wrapper printing from rubber stereotypes. I have seen such machines printing at a high rate of speed on wax papers, the rubber stereotypes being stuck on the cylinder and the paper being fed from the web.

LATEST WATER-COLOUR PRINTING PROCESSES

The form of water-colour printing you are no doubt mostly interested in is that recently introduced in America, in which the printing is done on letterpress machines on ordinary printing papers with water inks. This is known as the "Jean Berté Process" and is worked under patents granted to J. B. Chambers, the inventor. The specification of the patent describes the ink as consisting of dye or pigment mixed with glycerine, alcohol, etc., with optional additions of rice paste, sugar or syrup. As such an ink may affect composition rollers, and could not be easily applied to metal blocks, the inventor proposes to use rubber rollers and rubber stereotypes. As now offered to the trade, the use of rubber cuts is also included in the process and a special kind of rubber cloth is recommended as the most suitable material for cutting. It is affixed to a metal plate which looks similar to the pewter plates used by music engravers. This keeps the rubber cloth perfectly flat, and presents a quite even surface to the engraver and the printer. This is a good feature of the process as it gives the printer a plate similar, as regards the backing, to the stereo or electro plates he regularly uses, and therefore they can be used on the regular plate beds or on wood mounts. The black outline key is printed from an ordinary zinc line plate with varnish ink. Half-tones can also be incorporated in designs for water-colour printing and these blocks are also printed in varnish inks. Type is usually run in the same forme as the key plate.

There are four outstanding advantages of the Jean Berté process which may be summarised as follows: First, brilliance and purity of colour; second, the appearance of hand colouring; third, the ability to over-print colours as much as desired; fourth, the use of papers of a decided texture. The use of all four features bring the best results.

Although the novelty of the patent matter may be questioned, it must at least be conceded that the inventor started the idea of water-colour printing in this way, and that he has made the process practical and commercially adaptable to the requirements of the everyday printer. The remarkable success of the process is accounted for by the fact that the vendors seem

to have spared no effort in bringing to a point of perfection all the various equipment and material entering into the production of the work; also they have lavishly issued very charming specimens, some of which I am able to show you to-night.

I am not one of those who would deny to an inventor the fruits of his work because some elements of his patent may not seem to be altogether new. His answer may be: "If you knew such a method before and could have done it if you wished, why did you not do so? Having spent a considerable amount of money on developing the process and making it popular I am entitled to benefit by my efforts."

Baxter had the experience of having his patent opposed on the ground of lack of novelty; but he was able to show that he had expended about £8,000 on his experimental work, and obtained an extension of five years for the patent.

NEW MATERIAL FOR THE CUTS

Naturally the success of this process has led to the uprising of many imitators, some using lino cuts, some woodcuts, and others ordinary zinc blocks. There has also been a new material put on the market in America called "Parazin," which is said to be much easier to cut than rubber or lino. I have not seen this material or had any description of it, but it is a special form of rubber.

I had the idea myself of a special kind of rubber composition made to suit the cutting better than the ordinary kinds of rubber available and I induced a friend engaged in rubber research to make me up some sheets, which have turned out very successfully. Here is a piece of the material and some cuts made with it. The material cuts very easily, the shavings coming away clean and there being no dragging against the tool point. When mounted on wood it forms a printing surface practically as durable as a metal plate. It can be used equally well with varnish inks as with water inks. I believe a wood engraver could produce work on it equal to that on boxwood, as the way in which the material cuts is very similar. However, the ordinary wood engravers' tools would not, I think, do. The tools have to be of a gouge shape, such as are sold for lino cutting.

WATER-COLOUR PRINTING FROM METAL BLOCKS

Metal blocks do not take kindly to water inks, but if carefully freed from grease it may be possible to use them. The same applies to type. My friend, Mr. Horgan, has published a method of coating the zinc plates with fish glue, made up with bichromate, as usual in photo-engraving. The coating has to be applied thinly with a whirler, then dried and exposed to light; after washing-out the unchanged bichromate and drying, the plate is ready for printing and the new surface takes the water-colour ink very nicely. The photo-engraver might do this coating when he makes the blocks.

SUITABLE ROLLERS FOR WATER INKS

Whilst rubber rollers are no doubt best for the process, water inks can be used with composition rollers, but they should be well seasoned and free from grease. If washed with methylated spirit and soaked overnight in glycerine, old rollers will be quite satisfactory. An

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American firm has advertised a preparation for coating composition rollers so as to make them waterproof. I imagine it is some drying varnish ink such as lithographers use when preparing colour rollers. "Ideal" or "Mintite" rollers are quite good for this work.

USE OF VARNISH INKS

There is an easy way of getting over all difficulties with rollers and blocks, and that is to use varnish inks which are specially prepared to give a water-colour effect. They do not seem to give such delicate shades as the true water-colour inks, but that may be simply a matter of choice of colours and strength. Messrs. Shuck, Maclean and Co.'s "Pastello" inks are of this kind, and on trying them I was surprised to find how easy it was to obtain water-colour effects without any other change of material. They also have the advantage that they will not rub off if they are wetted; in fact, the prints can be boiled without having much effect on them. Metal blocks or rubber or lino. cuts and type answer equally well with these inks, and the advantage of being able to use ordinary composition rollers without any preparation is a great gain.

Other makers of special inks are Coates Bros. ("Aquatone" inks), Lorilleux and Bolton, and B. Winstone and Sons, but I have no acquaintance with these.

EMPLOYMENT OF ARTISTS' WATER COLOURS

An easy way of obtaining water-colour inks for a trial is to go to the artists' colour shop and buy tubes of water-colour paint. It distributes easily and covers well as long as the slab, roller and block are free from grease. I have here a proof made with a threepenny tube of Reeves' sepia water colour. The only drawback is that this is an expensive way of buying ink, but it may be cheaper in larger quantities.

CHOICE OF PAPER

As to choice of paper for water-colour printing, there is a considerable range so long as you keep to matt surfaces and those which absorb the colour well. It is no good, as a rule, using glossy coated papers, though quite good effects have been obtained even on them. If you use varnish inks, you can choose any papers, but not all with equally good effect. Very rough papers take up a lot of colour, but the covering power is much better than with ordinary inks. Remarkable effects are obtained on dark-coloured papers, and even on black papers. White inks made up on water-colour principles cover well even with only one working. A good point about water-colour inks is that work printed with them can be worked full colour with a minimum risk of set-off, and can be delivered almost immediately.

PRESS WORK IN WATER-COLOUR PRINTING

No great difficulties present themselves in the press work for water-colour printing. The printing plates, whether rubber or metal, must be carefully levelled up, and they should be no higher than the type level. No make-ready is required unless there are low places in the blocks. The impression must not be heavy, especially with rubber cuts: in fact, one printer informed me that there should hardly be any impression at all, just enough to compress the grain of the paper and make the ink cover. The tympan or cylinder covering should be hard and smooth without any old impression marks on it, or they may show up in the solids. Rollers must be carefully set so that they just "kiss" the surface of the forme. With rubber rollers or geared inkers this can be easily attained. Unless the rubber blocks are cut deep, there is a tendency to mark the paper when the impression is taken. This is only to be avoided by careful levelling-up of blocks and rollers, and by having a hard backing.

I am inclined to think that the cuts are more liable to fill-up with water inks than with ordinary inks, and that the colour is more liable to dry on the forme, the rollers and the ink slab. This can be corrected by adding a little glycerine to the water inks, or a small quantity of a specially thin varnish supplied with the varnish inks. On no account must ordinary printers' varnish be added to the last-mentioned kind of inks, as it will cause them to dry with a gloss and the whole effect will be lost. The water inks are, of course, washed-up with water, and this is rather a messy business if it has to be done on the machine. Unless the water is well wiped up, there may be a liability to rusting of bright parts on the machine. The dye from the ink stains the hands badly, so that it is as well to keep as much as possible from contact with it. A good sponge, stiff brush and plenty of rags should be at hand. The varnish inks are washed-up with paraffin, and I would recommend that washing-up be done soon after the run, or it may be found difficult to remove the ink after long standing.

As to speed of working, I have no experience of machine printing with these inks, but judging from hand-press work, I should think that slow running is an advantage. The best results are undoubtedly to be obtained on hand press or platen, as the ink is so much more under control, and so much less ink is used than on the cylinder press.

There seems to be some difference of opinion as to the price of the water-inks. One user tells me they are very dear, whilst another says they are very little dearer than ordinary inks. The varnish inks are not much more than the price of ordinary printing inks of equivalent purpose. I am inclined to think, from my own experience, that more of the ink is used in both cases for a given job than with ordinary inks, as a thicker layer has to be used.

INFLUENCE OF THE PROCESS ON LETTERPRESS PRINTING

As to the influence of the process on letterpress printing, it can safely be said that it is not going to displace to any considerable extent the use of ordinary inks. It would, no doubt, be very nice to be able to do printing of all kinds with water inks, especially if they became cheaper and could be made to go further by diluting with water. That would be bad for the ink-makers. But I do not think they need worry about the prospects of their business just yet. The view of printer friends whose opinion I have asked is that the process will supplement and run along with every-day letterpress work. It may enable letterpress printers to compete more powerfully with lithographers, especially in the case of offset. The lack of gloss and the purity of the colours, besides the great covering power, give advantages not possessed by either direct or offset lithography. Moreover, the letterpress printer can "get away" with a job much more quickly than the lithographer, and can accept a shorter run.

The rotogravure printer can use water inks, and would use them more if the same richness of colour and fastness to light and moisture could be obtained. It would also be a great advantage for them to get rid of the fire risks due to the inflammability of the present spirit inks. In this line the letterpress printer has nothing to fear from competition so far as the average run of small jobs are concerned.

A NEW PROCESS OF DYE PRINTING

Before concluding, I would like to mention a new process which is in a sense water-colour printing, that is now coming to the front. It is called dye-printing and is similar to colotype printing, except that no

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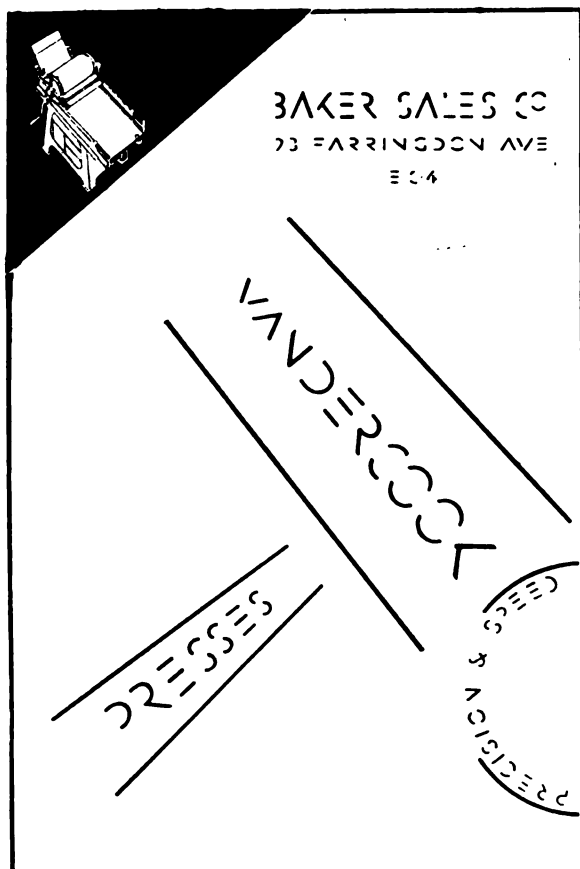
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greasy ink is used. The gelatine printing plate is charged with dye, so that it becomes like the old Hektograph or jelly pad, and on paper being pressed into contact with it impressions of remarkable beauty and photographic quality are obtained. If this process can be speeded up, as some inventors think it can be, a very formidable competitor to present forms of printing will be created, and it might have a far-reaching influence.

Who knows but that we may come to a new era in

printing where greasy ink is no longer used and you become paper stainers? Perhaps it might be an advantage to civilisation if much of the stuff that is printed and published to-day could be readily washed off. The Roman poet Martial, it is recorded, when he sent a book of poems to one of his friends accompanied it with a sponge and the message: "If you don't like it, wash it off."

Commercial Bookbinding

By JAS. A. ESLER

VI.—TRIMMING, ROUNDING AND BACKING

The machines already described are of the upright type and have a wide range of utility within their scope. Where very high production is required, another type of book trimmer is available: this is known as the continuous trimmer, and, as indicated by its name, trims piles of books or magazines continuously, practically as fast as the books can be fed into the machine. Like many other machines, these trimmers are manufactured in a variety of sizes, with considerable latitude in the matter of adjustment to various size books.

CONTINUOUS TRIMMERS

The Rowe Straight Automatic Trimmer is manufactured in three sizes, the No. 1 size trimming from 5 in. x 7 in. up to 9 in. x 12 in., and the No. 3 from 8½ in. x 11½ in. up to 12 in. x 16 in. Adjustment to intermediate sizes can be effected quickly and easily. A regular half-inch cutting stick is used, and the trimming is produced by a "shearing" movement from the back of the book. The work done is clean and accurate, and 24 packets of books up to 4½ in. in height can be cut per minute. These machines are in use in many of the big catalogue and magazine printing houses.

The Seybold Continuous Automatic Book Trimmer—Fig. 1 (Messrs. Smyth Horne, Ltd.)—has very great latitude of adjustment, and will trim all sizes from 4 in. x 6 in. up to 12 in. x 16 in. The machine has a normal speed of about 1,440 piles per hour, and this speed can be reduced or increased to adapt itself to the feeding speed. It has a capacity for piles of 6 in. high, and the feeding arrangement is very convenient. The methods used provide for accuracy in knocking-up and clamping. The books are squared-up on their backs, and the clamp pattern block, shaped to the uneven thickness of the pile, presses over the whole trimmed surface, holding the books securely under the same clamp during the process of trimming all three edges, and delivering the trimmed pile on to a belt conveyor. The shavings are removed by a suction blower. The books are placed in a trough, backs downwards, the trough being tapered, so that the pile is automatically straightened as the books pass along, and insuring that they are in perfect register when they reach the clamp. The automatic pile-pusher makes the feeding of the machine a comparatively easy task. The operator simply places a handful of books in the trough in correct position, and the pile-pusher moves the handful forward into the clamping position. The

clamped handful passes through the trimmer, is cut on three sides, and is then deposited on the travelling belt on the opposite side of machine. Three people can attend the machine, one to place the untrimmed books in the trough, one to knock up and feed, and

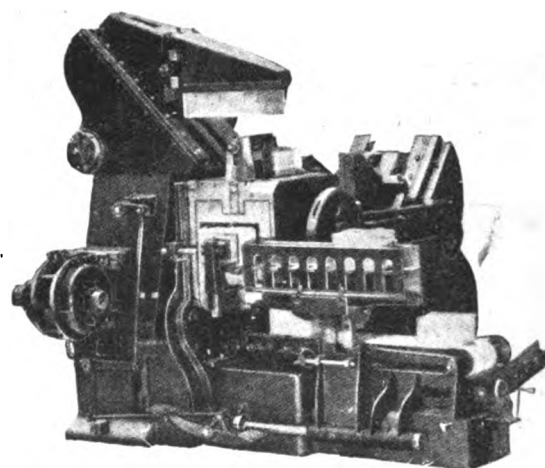


FIG. 1.—SEYBOLD CONTINUOUS AUTOMATIC BOOK TRIMMER

one to remove the books from the conveyor. The floor space of the standard machine is 11 ft. 6 in. x 8 ft. 0 in., height 8 ft. 3 in.

GLUING

After trimming, the books are glued up, and it is important that this simple operation should be done in a thorough manner, for it may be said with truth that the life of the book depends to a greater extent on this than on any other process. A fault in any other part of the binding process may escape notice, and may not actually interfere with the strength of the volume; if, however, the glueing up is done in a careless fashion, the book cannot last and will fall to pieces before the ends or cover show signs of wear. A good quality flexible glue should be used, which can be purchased already prepared. The addition of glycerine in tested proportions will give a satisfactory flexible glue if it is not considered necessary to use two glues in the factory. The backs of the books will be properly squared up, with due regard to

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the heads, which must be kept dead square also. The glue is applied all over, and thoroughly rubbed in between the sections; then, before the glue has become thoroughly hard, and while yet tacky, the business of rounding and backing begins.

ROUNDING AND BACKING

In the case of some books, "rounding" only may be necessary, and this is quite a simple matter when done by hand. The book is laid on a solid bench or iron plate, and the top sections are pulled over the fore-edge with one hand while the other taps the book on the "shoulder" all along the back with a flat hammer, gradually producing a curve on the top side. When this is considered sufficient, the book is turned over and the operation repeated on the other side, until both sides of the book have a uniform appearance. If this is carried out before the glue has "set" it will be found that when the back is "bone dry" a permanent round will have been imparted to the volume which it is almost impossible to remove.

If the book is to be backed, this must be done immediately after rounding. "Backing" is the action



FIG. 2.—THE
BACKING
OPERATION

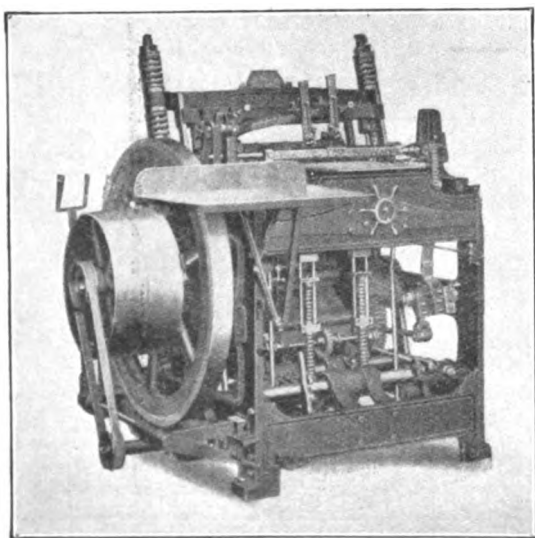


FIG. 3.—CRAWLEY ROUNDING AND BACKING
MACHINE

of turning over the sections of the book, from the centre outwards, to form joints or grooves to allow the boards to lie comfortably there.

The backing operation in its simplest form is done in a press, and may be said to be an entirely manual process, the sections being carefully knocked over from the centre with a hammer, the outside sections forming almost a right angle over the board which grips the book (Fig. 2).

There is a hand-operated machine which produces the joints by means of a roller, and which is very much used in the smaller binderies.

ROUNDING AND BACKING MACHINE

The improved Crawley Rounding and Backing Machine—Fig. 3 (Messrs. Smyth Horne, Ltd.)—has been in use for upwards of 20 years, and the quality of the backing done on this machine is up to the standard of hand work. A perfect round is effected, and perfect uniformity is obtained on long runs once the machine is set. Rounding and backing or rounding only, can be done, as well as flat-back work.

The operation of the machine is quite simple. The operator standing in front takes the book from a table on the left, and places it against a gauge. Rounding rolls grasp the book, and, while the rounding process proceeds, the book is moved forward to a set of backing jaws which in turn carry it on to the backing dies, which, acting with a reciprocating motion, turn the sections both ways evenly away from the centre, thus forming the back. The book is now returned to a convenient position for removal by the operator. Only one book is in the machine at a time, and, with the exception of putting in and taking out, the entire operation is automatic.

The adjusting features of the machine are conveniently located, and are simply and easily understood. The standard-size machine takes books up to 10½ in. x 12½ in. and up to 3½ in. thick. Working at top speed, 11 books per minute can be completed. The floor space required is 4½ ft. x 4½ ft.

Perfumed Printing Inks

Printing inks which have been deodorised or perfumed to eliminate or cover the fishy odour of the varnish, are apparently altogether feasible and are now being used in a limited way in certain types of printing, according to a New York concern which has done considerable research in this field during the past six months, say the *American Ink Maker*. They find that the added cost of deodorising the inks is slight, but they have run into a number of technical difficulties in their research.

Two types of deodorising have been used thus far with varying degrees of success. The first was the elimination of the odour of the ink by deodorants. This method did not prove very successful, and the problem of covering the ink odour with another more pleasant odour was given the greatest attention in the research. The object of many of the compounds developed is to cover the varnish odour of the ink and also the odour of the coated paper where it is used, until such time as the ink has lost its original fishy odour.

Many satisfactory covering odours were found, but few lasted long enough to do a permanent job of suppressing the odour. A few compounds developed had an effect for several weeks and in a limited degree might be considered permanent. Considerable success was had in suppressing the disagreeable ink odours in the pressroom, and thereby eliminating much of the rank odour of the pressroom generally. Compounds for use directly in the ink fountain have been developed and are creating interest among pressmen.

THE late Mr. E. T. Ross, South Benfleet, retired printer, left £4,167 (net personality £15).



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Marked Progress Reported

At the eighty-seventh annual meeting of this society held at the St. Bride Institute recently, Mr. H. E. Nickerson (Messrs. Nickerson Bros.) presided.

Owing to the indisposition of the secretary (Mr. F. C. Peacock), Mr. C. W. Atkins and Mr. J. F. Walker of the committee kindly undertook his duties, and having read the notice convening the meeting, Mr. Atkins said they were all pleased to have a representative of the well-known firm of Messrs. Nickerson Bros. presiding over them that evening, and trusted the firm's association with the society would long continue.

A RECORD YEAR

Minutes of last annual meeting having been read and confirmed, Messrs. Gray, Gaze and Wadley were elected scrutineers of the Ballot for Pensioners.

The chairman, Mr. H. E. Nickerson, in rising to move the adoption of the report and balance sheet, was very cordially received. He expressed some diffidence in view of the long list of prominent and eminent men of their trade who had filled the position before him, but he thought circumstances somewhat favoured him that night as he found by the report and balance sheet that they had a record year in their finances, the assets of the society showing an increase of between £400 and £500 upon those of 1928. He thought this did great credit to their committee, who proved by their fine average of attendances the keen interest they had taken in their work, and it must not be forgotten that all their work was gratuitous and a labour of love. He would be even more pleased if they could bring many more of the younger generation in their trade to embrace its opportunities and join their ranks; for, after all, the outlay was so small, for so large a benefit, and there was the knowledge that they would not only be making a very useful provision for their own future, but at the same time assisting their less fortunate comrades and fellow craftsmen in their time of need. How much better to have done this than to find when age and infirmities came creeping nearer, they were too old to join and share in the benefits. He hoped the society would continue to prosper and trusted the association of himself and firm with it would continue for very many years to come. He therefore proposed with great confidence the adoption of the eighty-seventh report and balance sheet.

This, having been seconded, was carried unanimously.

THANKS ACCORDED

A very cordial vote of thanks, proposed by Mr. H. J. Mills and seconded by Mr. C. J. Osman, was accorded Mr. H. V. Gibbs, Sir William A. Waterlow, K.B.E., and Sir A. W. Tyler, J.P., trustees, for their valued services during the year as was one to the hon. treasurer, Mr. F. A. Garrett, and the hon. auditors, Messrs. R. W. Morrison, A. Willmott and J. W. Kemp. Mr. J. W. Kemp responded.

An appreciative vote of thanks to the committee was carried with acclamation, and responded to by Mr. C. W. Atkins.

Messrs. H. J. Mills, E. A. Wadley and J. F. Walker, committeemen retiring in accordance with rule, were re-elected.

Mr. T. J. Hunt, in proposing the re-election of Mr. F. C. Peacock as secretary, said they all regretted

that illness prevented his presence with them this evening, and hoped a letter expressing their sympathy and good wishes would be sent on behalf of this meeting. This was seconded by Mr. T. W. Welch and carried unanimously.

PENSIONERS ELECTED

The scrutineers having now completed their labours, the chairman said it afforded him pleasure to announce that Mr. J. Hill had been elected to the Society's pension with 277 votes, and Mr. J. Rutherford to the H. F. Parker Charity Sports Special Pension, with 111 votes.

This having concluded the business upon the agenda, Mr. T. J. Hunt proposed that the best thanks of the meeting be given to their chairman for the genial and business-like manner in which he had conducted the business of the evening. Mr. C. W. Atkins, in seconding, expressed the thanks particularly of the committee for his kindness in accepting their invitation to preside, and also for the generous cheque to the funds of the society, which, he said incidentally, had been well backed with one from their colleague Mr. T. J. Hunt.

The chairman briefly responded and brought a successful meeting to a close.

Washington Convention Problem

Printers Interview Labour Minister

The Government having intimated its intention of ratifying the Washington Convention, consideration is now being given to the practical difficulties of adapting the terms of the Convention to the needs of British industry.

During the past fortnight, the Minister of Labour (Miss Margaret Bondfield) has seen deputations from the Trades Union Congress and the Confederation of Employers' Organisations. In the latter deputation the printing and newspaper industry was represented by Col. H. Rivers Fletcher, Mr. A. E. Goodwin (Director of the Federation of Master Printers), Mr. A. Browning Lyne (President of the Newspaper Society), Mr. J. S. King, and Mr. E. W. Davies. The proceedings were private, the deputation being introduced by Sir Ralph Wedgewood and the official statement being read by Mr. J. Forbes Watson.

Following this deputation, representative of every section of industry, various group deputations were received, including one from the newspaper, printing and allied trades.

The case for the Newspaper Society was submitted by Mr. A. Browning Lyne, and the official statement was read by Mr. E. W. Davies. Mr. William Maxwell (president of the Federation of Master Printers) introduced the Federation case, and Col. H. Rivers Fletcher read the statement. Mr. A. E. Goodwin amplified this from a number of letters. The printing deputation also included Mr. M. Clowes, Mr. James MacLehose, LL.D., Brig.-General W. F. Mildren C.B., C.M.G., D.S.O., Mr. Russell Palmer, and Mr. F. H. Bisset.

Miss Bondfield was greatly interested in the views expressed, and after asking a number of questions, promised to give careful consideration to all that had been said.

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Young Master Printers

Home Counties Group Formed

The Young Master Printers' movement in the Home Counties Master Printers Alliance reached an important stage of its development on Wednesday last week, when, under the chairmanship of Colonel W. H. Barrell, O.B.E., T.D. (Home Counties M.P.A., president), many young printers gathered together for lunch at the Florence Restaurant, W., and (1) Approved the constitution of an organisation banding them together under the title of "The Young Master Printers Group of the Home Counties Alliance"; (2) elected a chairman, vice-chairmen and committee; (3) listened to, and took part in, an entertaining debate between Mrs. Beatrice L. Warde and Mr. Badcock (a Home Counties Y.M.P.) on "Is it easy for printers to enter advertising?"

The gathering at lunch was given added distinction by the presence of both the president and the vice-president of the Federation—Mr. William Maxwell and Mr. A. J. Bonwick—Lt.-Col. R. F. Truscott, Mrs. B. L. Warde, Mr. A. E. Goodwin (Director of the Federation) and other prominent figures.

The invaluable work which the Federation of Master Printers has done and is continuing to do was stressed by Mr. A. J. H. Penney, in proposing the toast of "The Federation." Mr. Penney emphasised the interest in Federation matters taken by the younger generation of printers, and left no doubt as to their eagerness to follow in the footsteps of their sires.

CHANGED CONDITIONS

Mr. William Maxwell, in responding, recalled that Mr. Penney's father was one of the pioneers of and one of the most effective speakers for the Costing System. Mr. Maxwell pointed out that whereas the master printers of the present time had had to deal with many problems, those presented to the younger generation were of a different nature entirely. The young men had to face among other things new relationships with the trade unions, and some probable development of the Communistic idea; they had to carry on under those conditions, and endeavour to make the printing industry as great a success as, and he hoped a greater success than, they, the older generation, had made of it under the conditions which they had had to face.

Mr. Maxwell, in conclusion, urged the young master printers to work for their own movement, but to aim at executive positions on their local associations, and thus to reach similar positions on the executive council of the Federation itself.

He coupled with the toast of "The Young Master Printers' Group of the H.C.M.P.A." the name of Mr. Rolf Unwin.

Mr. Rolf Unwin, replying, said the young master printers' movement was still in its infancy, and they could simply say to the Federation—"Wait and see." He expressed their gladness at the presence of Mr. Maxwell.

Another prominent young master printer, Mr. V. G. Manning, proposed "The Home Counties M.P.A.," and Colonel Barrell, in response, spoke of the duty of the young master printers to their craft, to their individual businesses and to the Federation.

Then followed the inaugural meeting of the Young Master Printers' Group. Col. Barrell again presided, setting an admirable example of quiet thoroughness and efficiency.

CONSTITUTION AND OFFICERS

The draft of the proposed constitution was read, the main objects of which were the provision of means to enable the members to meet together for conference on technical, industrial and commercial matters connected with the industry, and the laying of the Group's opinions before the Alliance executive. Other points in the draft included questions of membership, management, finance, meetings, etc.

The draft, with suggested amendments, having been passed, the meeting proceeded to the election of a chairman. This resulted in the unanimous election of Mr. Rolf Unwin, a prominent young master printer—great nephew of Mr. Edward Unwin, the Federation treasurer.

Mr. V. G. Manning was elected vice-chairman in a close contest with Mr. Polden, and the committee was appointed as follows:—Herts and Berks—Messrs. Gibbs and Dent; Bucks—Mr. Hazell; Surrey—Mr. Polden; Kent—Mr. Henley (Folkestone), Mr. Snell (Canterbury); Hampshire and Sussex—Mr. Barrell (Portsmouth), Mr. Penney (Southampton).

PRINTERS AND ADVERTISING

The gathering next listened with great interest to a lively debate, commenced by Mrs. Beatrice L. Warde, who was followed by Mr. Badcock, on "Is it easy for printers to enter advertising?"

Mrs. Warde was emphatic in her negative replies to the question. It was almost impossible for the majority of master printers to go into successful advertising, she said—"successful," because any other kind was mere notoriety. The present generation of master printers was severely handicapped because it started reading and studying periodicals before 1910 or 1912, up to which date advertising was thought to be a cheap vulgar and frivolous way of catching attention. After that time advertising underwent an enormous change. It was no longer based on silly rhymes and slogans and so on; it had become a question of market research and market analysis. It was in the hands of experts whose minds were trained in these matters, who were always learning—an advertising man could not have too much education. Three essentials were necessary in successful advertising—simplicity, curiosity, and a ready enthusiasm.

It might be said that the younger generation of master printers were not handicapped by the same attitude towards advertising as their fathers had been. Could they not, therefore, enter the field now? But what about the sons of the present advertising men! They were following in the footsteps of their fathers.

In any case, press and periodical advertising were debarred from the printer. If there was one field which he could enter it was direct mail advertising, but it was no use taking up direct mail in the slack months—it was a specialised field and needed concentrated effort. What it really came to was that the printer had neither the time nor the training for advertising.

Mr. Badcock, in his reply, frankly admitted that he did not think there was much in this "advertising expert business." Advertising men seemed deliberately to surround their profession with a halo of mystery in order to confuse the uninitiated. It would be a lot easier if the experts did not make it so difficult. There were two main fields of advertising—one was national

or international, and the other purely local. The first, which involved market research and so on, could be left to the "experts," but what about the local field? What about the draper down the road with £25 to spend on advertising, who did not know how to spend it? The experts, of course, would not look at him; therefore, it was obvious that the local printer was his salvation. The printer had local knowledge, a live mailing list (if he was anything like a printer), and could therefore handle a campaign on these lines quite successfully.

Regarding newspaper advertising, he did not think this came within the scope of the printer, but he had no hesitation in saying that a well-planned direct mail advertising campaign was far ahead of local newspaper advertising. It was the direct-mail field that the printer should go for, and was best equipped for. He thought that the answer to the question—"Is it easy for the printer to enter advertising?"—was that the printer was already an advertising man, but it was a question of his becoming a better one.

A brief discussion followed, and the meeting terminated with votes of thanks to Mrs. Warde and Mr. Badcock, also to Col. Barrell for his occupancy of the chair.

The last item of the session was a private meeting of the newly-appointed Y.M.P. Group committee.

London's Young Printers

At a recent meeting of the Young Master Printers of the London Master Printers Association, several suggestions for the extension of the movement, made by Mr. Wm. Whyte (L.M.P.A. Secretary) were unanimously approved and adopted. The suggestions are:—

(1) The District Associations to elect a young master printer representing each borough or similar recognised area in their own district to form a comprehensive district Y.M.P. committee. The parish or borough representatives to be charged with the duty of getting in touch with young master printers (whether members or non-members) in their own particular neighbourhood for the purpose of getting them to attend local meetings of Y.M.P.s and the district association meetings. The district committee could also from time to time organise whist drives, tennis tournaments, and other social functions for the young master printers in their own area.

(2) Each district committee to nominate two representatives to form the Alliance Group Committee.

(3) The Alliance Group Committee, when constituted, to submit requests and suggestions for the development and extension of the Y.M.P. movement throughout the metropolis for consideration by the L.M.P.A. Council.

(4) The present "Junior Master Printers' Committee" to continue to exist as a consultative body to be called together only when any question affecting Y.M.P.s is referred to it.

THE Publicity Club of London is arranging a special evening next Monday in conjunction with the Publicity and Selling Committee of the Federation of Master Printers. Mr. R. B. Fishenden and Mr. T. Barber will speak on "What is New in Printing," and demonstrate by specimens that British printing is well to the fore in all the new processes and developments.

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Dividends and Reports

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SARTORIAL GAZETTE, LTD.—Capital £3,500 in £1 shares; proprietors and publishers of newspapers, etc. Private company. Directors: M. H. Jenkins, H. B. Woodburn and F. A. Stacey. Registered office: 68 and 69, Shoe lane, E.C.4.

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Holme Mill, Kingley.

Mortgages and Charges.

RICHARDSONS, PRINTERS, LTD. (Grimsby).—Debenture dated February 28th, 1930, to secure £1,250, charged on the company's undertaking and property, present and future, including uncalled capital. Holder: W. Lacey, The Priory, Louth, Lincs.

VENESSEO PROCESS, LTD. (printers, manufacturers of show cards, posters, window displays, etc., London).—First mortgage debenture dated March 3rd, 1930, to secure £440, charged on the company's undertaking and property, present and future, including uncalled capital. Holder: F. E. Robson, 45, Bedford row, W.C.

LONDON EXPRESS NEWSPAPER, LTD.—Satisfaction to the extent of £20,000 on February 1st, 1930, of trust deed dated December 30th, 1920, and registered January 4th, 1921, securing £200,000 debenture stock.

DAILY EXPRESS BUILDING CO., LTD.—Charge on land in Fleet-street, E.C., dated February 28th, 1930 (supplemental to trust deed dated July 26th, 1929, securing £500,000 first mortgage guarantee debenture stock). Trustees: Trustees' Corporation, Ltd., Winchester House, Old Broad street, E.C.2.

SOUVENIR MAGAZINES, LTD. (London).—Particulars filed of £5,700 debentures authorised February 21st, 1930, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued.

EDWARD HUNTER (1929), LTD. (advertising agents, etc., London).—Issue on September 3rd of £100, on October 24th of £5,200 and on November 6th, 1929, of £2,500 debentures, parts of a series already registered.

DRAWING OFFICE SUPPLIES, LTD. (London).—Satisfaction to the extent of £500 on February 4th, 1930, of debentures authorised August 19th, and registered August 26th, 1921. (According to the "Register of Mortgages," the debentures registered August 26th, 1921, originally secured £44,000.)

Receivers Appointed or Released

J. G. TOMKINS, LTD. (printers, etc., West Bromich).—F. L. V. Wheeler, of 27, Temple street, Birmingham, ceased to act as receiver and manager on January 4th, 1930.

BRITISH PRESS, LTD. (formerly British Studios, Ltd.) (Portsmouth)—Wilkinson, Powell and Wilkinson, accountants, of Roseberry House, Breams buildings, E.C.4, were appointed receivers and managers on March 3rd, under powers contained in debenture dated June 8th, 1923.

Stationers' Luncheon

Lord Wakefield delivered a very interesting address on "Commerce and Citizenship" at a Livery luncheon of the Worshipful Company of Stationers at Stationers' Hall on Tuesday. His Lordship strongly deplored the tendency to decry British methods and standards, and said he was convinced that this country, with its wonderful traditions, still had a great part to play in world commerce. Lord Riddell, in a characteristic speech, expressed the thanks of those present to Lord Wakefield. Mr. Herbert A. Cox presided.

The Late Mr. E. S. Agnew

We regret to record the death of Mr. Ewan Siegfried Agnew, assistant managing director of Messrs. Bradbury, Agnew and Co., Ltd., the proprietors of *Punch*.

Mr. Agnew, who was only 36 years of age, joined his father on the directorate of *Punch* on his return from the War, and in 1924 was appointed assistant managing director. Later he became a director of the *Spectator*, and was made chairman of the Periodical Proprietors' Association. Outside his official duties Mr. Agnew had many interests—music, literature and drama.

A choral memorial service was held at St. Martin's-in-the-Fields last Thursday, at which were present the staffs of all departments of *Punch*.

At the annual meeting of the Bristol District Committee of the J.I.C., Mr. W. G. Stone was elected the new president in place of Mr. H. Rankin. Mr. Thomas Goulding was re-elected treasurer, and Messrs. S. R. Hutton and G. F. Jones joint hon. secretaries. The final accounts for the 1929 Festival showed a balance in hand of £5 15s. 4d., and it was resolved to place this to creating a Festival suspense account. It was reported that the total amount received for the Christmas collection for the unemployed, etc., in the industry was £169 19s. Messrs. Stone and G. F. Jones were elected to represent the committee at the forthcoming National Convention of the J.I.C.

A LITTLE volume of 48 leaves, "Chastising of God's Children," printed by Wynkyn de Worde in 1492, realised £550 at Sotheby's on Monday.

PERKINS BACON & CO., LTD.

14, SOUTHWARK BRIDGE ROAD, LONDON, S.E.1

Security Printing—Stock and Special Tints in Fugitive Inks
— Lithographers — Steel Plate Engravers and Printers

CHEQUE TINTS—STAMPS, LABELS, LETTERHEADS

Telephone : Hop 1472

Telegrams : Perkaline, London

Trade Notes

At the new premises which the *Daily Mirror* has erected on a site facing Back Hill and Little Saffron Hill, Clerkenwell, the equipment includes ten unit line presses.

THE Shakespeare Head Press, at Stratford-on-Avon, has outgrown its accommodation, and will be moved this spring (probably in May) to Oxford. To mark this development an exhibition of the beautiful works produced by the Press has been arranged at 350, Oxford Street, W., by permission of Messrs. John and Edward Bumpus, Ltd., and will be open to the public for three weeks.

MESSRS. FRENCH BROTHERS, printers, 54, Chatsworth Road, Brampton, were fined 10s. at Chesterfield for neglecting to fence a shaft. The shafting had since been fenced.

AGREED compensation of £200 was paid, with costs, to Edward Jesse Billington, a printer, of Earlsfield, by the *South London Press* at Southwark County Court, in respect of an accident at the defendants' works in Leigham Court Road, Streatham Hill. It was stated that Billington, whilst adjusting the controller of a rotary printing machine, fell and fractured his right wrist. He had received £1 10s. per week compensation from July, 1929, until January, 1930.

MR. JOHN THOMAS, of Middlesbrough, director of a printing firm, who has died, had drafted his own obituary notice.

THE late Mr. H. J. Stowell, Putney, and of the *Drapers' Record*, left £40,095 (net personalty £39,415).

DUNOON printers are protesting against the local advertising committee for having their bills printed in England.

A MODEL bust of the late Viscount Northcliffe by Lady Hilton Young has been accepted by the committee of the Northcliffe Memorial Fund, to stand in the forecourt of St. Dunstan's Church, Fleet Street.

GOVERNMENT PRINTING.—In the House of Commons, Sir Nairne Sandeman asked the Secretary of the Treasury what was the total capital involved in the Harrow and Pocock Street printing establishments, and what return the profits showed on this capital. The Financial Secretary replied: The total capital involved in the case of the Harrow works is £258,920, of which £148,420 represents plant and £110,508 the value of the buildings. The profits for the year ended March 31, 1929, were £80,117. The total capital involved in the case of the Pocock Street works is £56,933, of which £43,621 represents plant, and £13,312 the value of the building. The profits for the year ended March 31, 1929, were £6,608.

TENDERS

H.M. STATIONERY OFFICE

TENDERS to be delivered before noon on Friday, 4th April, 1930, are invited for certain Bookwork Printing for the Public Service—Group 330.

For particulars apply to the Controller, H.M. Stationery Office, Westminster, S.W.1.

MACHINERY FOR SALE

PARAMAT VULCANISING PRESS, with all the necessary plant, for Sale, cheap.—Apply Bemrose and Sons, Ltd., Derby.

15440

PREPAID ADVERTISEMENTS

The Minimum Charges for Three Lines, with an average of eight words to the line, for Advertisements under the headings given below are as follows (extra lines at proportionate rates):—

	Three Lines
	s. d.
Agencies	3 0
Situations Wanted	1 6
Situations Vacant	3 0
Machinery for Sale and Wanted	3 0

Telegrams: STONHILL, LUD. LONDON Telephone: 2439 HOLBORN

SITUATIONS VACANT

CROWN AGENTS FOR THE COLONIES COLONIAL GOVERNMENT APPOINTMENTS.

APPPLICATIONS from qualified candidates are invited for the following posts which are vacant in the Government Printing Office, Ceylon, i.e.;—

M/2023. TEMPORARY PRINTER ENGINEER (WORKS MANAGER). Term of engagement, one year. Salary £1,000 per annum. Candidates must possess practical experience in all departments of a modern equipped letterpress printing and binding establishment. Able to assist in the lay-out of new equipment, to plan work throughout, and instruct the employees concerned in the most economical methods of production, to ensure the best standard of work and output. The plant includes Linotype, Monotype, auto-fed cylinder machines and platens, stereo and binding machinery, including folding, sewing, and ruling machines. Staff numbers 600-700 employees.

M/2024. COST ACCOUNTANT. Term of engagement, three years in the first instance. Salary £600 per annum. Candidates, age 28-40, must possess practical experience in the Master Printers' Federation costing system and double entry bookkeeping, and ability to instal and take charge of costing, accounting, payment of wages, the preparation of accounts for work executed, and the annual balance sheet.

M/2025. PRINTER FITTER. Term of engagement, three years in the first instance. Salary £600 per annum. Candidates, age 28-40, must possess practical knowledge of all the engineering requirements of a modern printing office, including the erection and maintenance of electric-driven machinery in the composing, machine, stereo, and binding departments.

M/2026. MACHINE OVERSEER. Term of engagement, three years in the first instance. Salary £400 per annum. Candidates, age 28-40, must possess practical experience with auto-fed cylinders and platens for half-tone and general printing. Able to plan, give out and instruct in modern methods of make-ready. A good knowledge of inks, rollers, and paper essential.

M/2027. COMPOSING OVERSEER. Term of engagement, three years in the first instance. Salary £400 per annum. Candidates, age 28-40, must possess practical experience in bookwork and jobbing office, including Linotypes and Monotypes. Able to plan, give out, and instruct in the most economical methods, and to handle large staff.

M/2028. BINDING OVERSEER. Term of engagement, three years in the first instance. Salary £400 per annum. Candidates, age 28-40, must possess general all-round experience in the supervision of a general binding and ruling establishment, with a good knowledge of materials and labour-saving machinery. Able to instruct and secure maximum output.

Apply at once by letter, stating age, whether married or single, and full particulars of experience, to the Crown Agents for the Colonies, 4, Millbank, S.W.1, quoting the reference number of the vacancy for which application is made.

15439

SITUATIONS WANTED

COMP (young) desires change; present job 2 years; good all-round man; display, commercial, jobbing and stone-work.—Box 15441.

THE Printers' Provident Association, 21, Charterhouse-street, Holborn-circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades, at short notice. No charge. 'Phone, Holborn 0527.

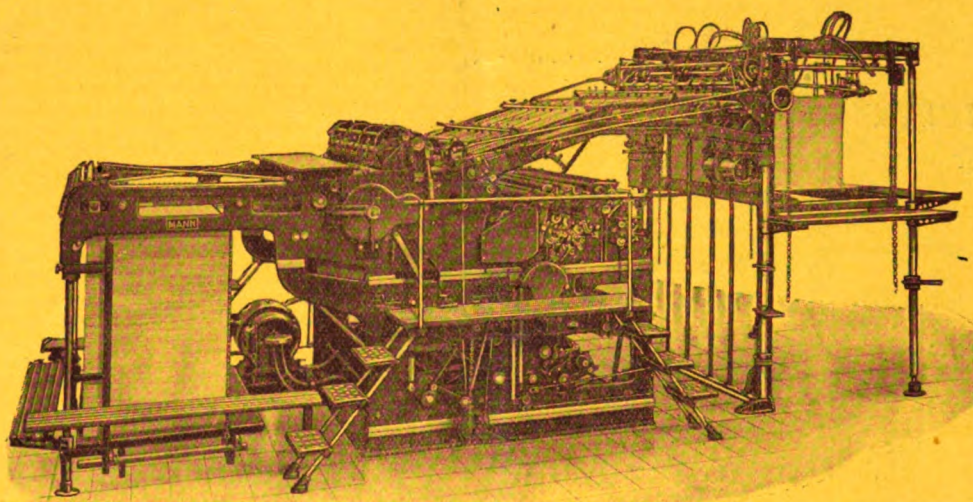
14695

**MANN
OFFSETS**

Machines of Distinction

The Most Modern Rotary Offset Machines
are equipped with

STEEL CYLINDERS—STEEL DRIVING GEARS
and many other working parts made of steel



Two-Colour and Perfecting Rotary Offset Machine with "Dexter" Pile Feeder.

ADVANTAGES:

INCREASED SPEED.

GREAT STRENGTH.

LESS HORSE POWER.

VIBRATION REDUCED TO MINIMUM.

SMOOTH RUNNING MACHINE.

Mann's modern method of construction and manufacturing enables them to offer Rotary Offset Machines of Distinction capable of maintaining an average High Speed and Quality not equalled by any other make.

GEORGE MANN & COMPANY, LIMITED

The Offset Machinery Specialists

AMPTON STREET, Gray's Inn Road, LONDON, W.C.1

'Phone: "Terminus" 5741 (3 lines)

'Grams: "Lithoman, Kincross, London"

Cables: "Lithoman, London"

AGENTS:

Australia and New Zealand: R. COLLIER & Co. PTY., LTD., 194/196, Little Lonsdale Street, Melbourne, and 230, Clarence St., Sydney.
Also at Adelaide, Brisbane, and Perth

South Africa: W. H. SMITH & Co., 148, St. George's St., Capetown. India: GEORGE MANN & Co. (India) Ltd., 14, Clive St. Calcutta.

THE FIRM for PRINTERS' METALS

London Representative :

GLEN STEEL

63 & 64, Chancery Lane, W.C.2

JUBB'S

Established 1859

Scottish Representative :

WM. GREIG

6, Greenbank Ave., Edinburgh

T. G. & J. JUBB LIMITED - - HUNSLET, LEEDS

Telegrams : Metals, Leeds

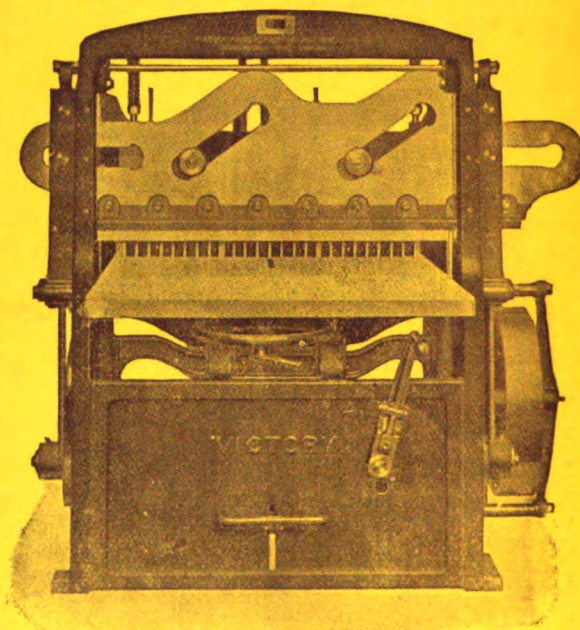
Telephone : 25620

IT LOOKS SIMPLE

**IT IS
SIMPLICITY
ITSELF**



The Victory Guillotine is an outstanding achievement in rationalisation. It is a miracle of simple design and compact layout. All the mechanism is contained within the frames. There is no extended driving shaft to increase the floor space required, which with the Victory is the minimum for such a powerful guillotine.



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London
W.C.2

Telephone Holborn
8991

VICTORY
WORKS

Birkenhead

Telephone 2480

VICTORY-KIDDER

PRINTING MACHINE
COMPANY, LTD.

The Winterbottom Book Cloth Co., Ltd.



Registered Office :

12, Newton St., Manchester

London Office :

60, Wilson St., Finsbury, E.C.2

Manufacturers of—

Bookbinders' Cloth, Label Cloth

Morocco Cloth, Buckram, etc.

Telegraphic Addresses :—"FLOVAL, MANCHESTER"—"FLOVAL, FINSQUARE, LONDON."

Telephone :—MANCHESTER : "CITY 4644"—LONDON : "BISHOPSGATE 7518 and 7519"

APR 10 1930

"MONOTYPE" STANDS UP TO STEREO!

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY

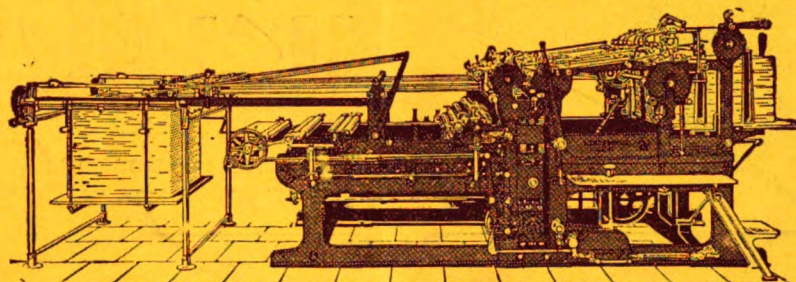
And Stationer

VOLUME 106
NEW SERIES No. 74

LONDON: MARCH 27, 1930

EVERY THURSDAY
PRICE THREEPENCE

WITH THIS TWO-REV.



8 Models: Quad Royal down to Medium. Speeds: 1,700 to 3,600 per hour

YOU WILL GET

ENORMOUSLY INCREASED OUTPUT — SOLID IMPRESSION ALWAYS
ECONOMY IN FLOOR SPACE — FINEST INKING & SAVING IN INK
DEAD REGISTER at the HIGHEST SPEEDS

in fact

ENTIRE SATISFACTION

from the

AUTO-PHENIX

TWO-REVOLUTION PRESS

YOU CANNOT BUY A BETTER TWO-REV.

If you will let us demonstrate, you will see many other important features which make the "Auto-Phoenix" the most economical Two-Rev. on the market to-day.

Sole Agents for
London District,
South & West of
England for

JOHN
RATCLIFF &
SONS

"RELIABLE"
DIRECT ROTARY,
ROTARY OFFSET,
AND TIN
PRINTING PRESSES.

JOHN & WM. BURT & SONS, Ltd.

156, CALEDONIAN ROAD,
LONDON, N.1.

Telephone: NORTH 3487-8.

Sub-Agents for Ireland:

THE HAYWARD CO., 8, Cope Street, Dublin, C.4

A large variety
of High-Class
Second-Hand
Machines always
in stock.

"Eezi"
Feeder for
all sizes
Phoenix
Platens.

"Fryotype" Printing Metals

WHEN STOCKS ARE LOW — Hop 4720

Millingtons for Quality Stationery

BASILDON WORKS,
TOTTENHAM,
LONDON, N.16

The last sheet of the Run



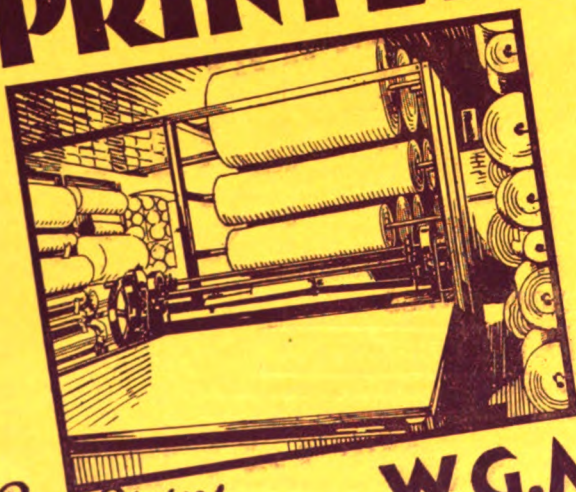
When a plate has been faced with chromium by the *Cornil* process, it gives distinctly clearer, brighter printing throughout the run, whatever its length. You'll find the last sheet as clear and sharp as the first. You should write in and get the full facts about *Cornil* chromium-faced printing plates. Complete set of literature on application.



THE NICKELOID ELECTROTYPE COMPANY LIMITED
PRINTER STREET, SHOE LANE LONDON, E.C. 4

C28

PRINTERS' BLANKETS



This illustration of one of our Stock Rooms shows in the foreground the special machine on which all our blankets are cut dead square from the roll. It will be appreciated that this saves endless trouble when fitting blankets to the cylinders.

The range of Monnery Blankets have been famous in the trade for over a century, the firm having first entered the business in 1800.

Our COMPOUND BLANKET is used in the production of London's large circulation papers and gives those heavy users the greatest satisfaction.

Use the finest British manufactured Printers' Blankets from the stock rooms of—

W.G. MONNERY & CO., LTD
15 & 16, THAVIES INN, HOLBORN CIRCUS
LONDON, E.C. 1

Telephone: Central 4751

Buy British—
and you buy
the Best
ESTABLISHED 1800

The British & Colonial Printer And Stationer

FOUNDED 1878 — PUBLISHED WEEKLY

VOLUME 106
NEW SERIES No. 74

LONDON : MARCH 27, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THOSE printers with artistic sensibility who have long been suffering as they contemplated the spate of alleged "modernity" that has flowed over printerdom—bringing coarse typefaces, ugly angularity of decoration, and general lack of balance, with utter disregard for tradition or any intelligible principle—must be relieved to find that expert observers are noting a marked ebb in the tide. Particularly is this ebb observable in respect of typefaces, there being a decline in the demand of advertisers and other print-users for distorted or unbeautifully blatant types.

* * *

BEFORE commenting further upon the general subject of the modernist note in typographic design, it may be worth while to mention a promising new move in the direction of saner advertising types. In several different quarters in the American advertising world—prominently, we presume, amongst typefounders and printers—it has evidently been felt that not only are typefaces demanded in superfluous and uneconomic multiplicity, but are demanded also in faces that are obviously weak in legibility and poor in design. An outcome of this feeling is the constitution of a "Board" to endeavour to mend the present state of affairs. Labouring, unfortunately, under a ponderous title—that of the National Board of Legible Type Faces for Advertising Purposes—this body was lately formed in New York City, with Mr. E. M. Diamant (of the E. M. Diamant Typographic Service Co., New York) as chairman. The

Board, which is sponsored by the Advertising Typographers of America, is getting to work in conjunction with typefounding organisations such as the American Type Founders Company, Barnhart Bros. and Spindler, Continental Type Founders Association, Inc., and Bauer Type Foundry and manufacturers of type-casting machines, namely, Mergenthaler Linotype Company, Intertype Corporation, Lanston Monotype Machine Company and Ludlow Typograph Company. The main objects are stated to be: "to eliminate from the advertising pages, types that are a hindrance to clear and legible reading, and at the same time to give the advertisers the best in type design." "This Board," says its chairman, "does not intend to stifle the inventive genius of the designer nor typefounder, but from an economic point of view, it will be well for all to work together for the best result."

* * *

As regards the subject of "modernism" in typographic design, we should be the last to forbid all departures from the prim and proper styles commonly associated with classic tradition in printing. Nor would we condemn even the startlingly novel, provided it has sufficient *raison d'être*. But just as in "art" we have lately had pictures and sculptures which appear to have emanated from the nursery, so crude are they—noticeable for nothing but the lack of normal proportions and the defiance of all canons of beauty—so in typographic design we have had tyros coming to the front merely by producing bizarre effects, a task made the easier

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for them because of their ignorance of rule and precedent. The painter or sculptor who legitimately violates the normal rules of natural form and its artistic reproduction, does so not to produce a bizarre effect, but to convey a vision of things seen in certain special circumstances or under the influence of some definite idea. Thus a representation, for instance, of a locomotive passing at high speed, might vividly and truthfully portray the effect upon the observer, while yet being hopelessly faulty from the standpoint of the engineer.

* * *

THE general principles of legitimate modernism in typography can hardly be better expressed than in words recently used by Mr. Douglas C. McMurtrie, the well-known American printer. "The spirit of our modern age," he writes (in *Printers' Ink*), "is expressed essentially in activity, in a vastly heightened tempo of movement." To produce this effect, the typographer uses direct lines—lines of movement denoting speed. The curve is straightened out to attain this greater directness and the reader is made to feel "purposeful motion full of life and energy, the motion of a trained runner toward a definite goal." Thus, "The two essentials of a truly modern typography are clarity and liveliness." While the older balanced composition was "for a generation less active than ours, with time for the eye to swing leisurely to and fro from line to line, in the new typography this motion is conferred upon the composition by setting it deliberately out of balance, so that it must keep moving, so to speak, or else fall down. Hence, the off-centre or asymmetric axis, which is a conspicuous feature of most work in the new style. The choice of position for this axis is, of course, critical for the success of the composition as a whole." We would only add that it is very easy to produce "modernistic" impressions in typography, but very difficult to attain the dynamic effect of true modernism such as that to which Mr. McMurtrie refers.

* * *

Is business "looking up" a bit after the long spell of depression? Reports that reach us from various sources indicate that the month of March has sent plentiful orders to quite a number of printing houses. Indeed, speaking to two or three London printers recently, we learned that they could not remember a March in which miscellaneous printing orders had been so numerous. How far this state of things is general it is difficult to say, but there are certainly indications from many directions that business has begun to improve to a considerable extent during the last week or two. Certainly the present cheerier tone in commercial circles must react favourably upon the printing trade. Let us hope the movement may extend and continue!

THE L.N.E.R. is to hold its eighth annual exhibition of poster art at the Gieves Art Gallery, Old Bond Street, from April 2nd to 11th.

WATER-COLOUR PRINTING.—We have received from Messrs. Coates Bros. and Co., Ltd., the printing ink and varnish makers, two water-colour printings which have been produced by a customer on art paper. One is a four-colour print and the other a three-colour, both girl figures. Both are remarkable for their matt effect, which is certainly far greater than that obtainable on the offset machine. There is almost an entire absence of the gloss usually associated with printings on art paper. Further, the job having been produced from process blocks, the cost was far less than would have been possible by the photo-litho offset process.

Progress of the Half-Tone

Earliest Efforts Recalled

This month having brought the jubilee of the introduction of the half-tone block (as recently remarked upon in our columns), Mr. Stephen H. Horgan, the introducer, has been commenting to the Press upon the advances made in half-tone reproduction, and also recalling his earliest efforts.

Referring to recent half-tone illustration work in *The Times*, Mr. Horgan says: "The improvements in the machinery for printing have, of course, contributed to these results; but the advance in newspaper illustrations, which are now produced at great speed, are, I think, due more to the developments in photography, the increased efficiency of photographers, and the mechanical skill of the workers in all departments associated with the reproduction and the printing of the pictures. The next step will be pictures in colour in the daily newspapers, and I think the time for this development is not far distant."

It was fifty years ago, on February 14th, 1880, that Mr. Horgan, then only twenty-six years of age, made a cross-line screen half-tone for the *New York Daily Graphic*—and the pressmen unanimously refused to print it, saying it would "print like mud." A few days afterwards, however, he made a single-line screen block of a scene in Shantytown, New York, and on March 4th there appeared the first dated half-tone illustration ever printed.

At the time of Mr. Horgan's invention, the only illustrated newspaper (on whose staff he served) presented to its readers pen-and-ink sketches, and, naturally enough, the artists were opposed to the new "mechanical method of illustration. Mr. Horgan agreed with them that every picture should have the artists' personal touch, and so experimented until he discovered a method of printing half-tones on "scratch-board," thus making it possible for the artist to scratch in the high lights and deepen the shadows with pen-and-ink lines. This not only satisfied artistic objections but improved the resultant print.

But this was by no means the end of Mr. Horgan's difficulties. Thirteen years later he wrote to James Gordon Bennett that he could make a half-tone which would print on a fast daily newspaper press; Bennett sent the letter to his pressroom superintendent who bluntly averred that Mr. Horgan was crazy. But in 1897 the *New York Tribune* printed the first half-tone on a stereotyping web perfecting newspaper press.

And so it has gone on, and even to-day, in spite of the progress which is being made in rotogravure work, the half-tone still holds the field.

MR. W. R. CUMMINS, president of the North London Master Printers Association, has this year collected £227 on behalf of the Salvation Army Self-Denial effort. This sum makes a grand total of £4,166 collected for this object, which is stated to be a record figure.

MR. WILLIE SMITH, the billiards player, has not found happiness in his present profession and says he would be quite comfortable if he returned to his old job in the Linotype room of a newspaper office.

THE late Mr. Alexander Atherstone, of Ashton-on-Ribble, Preston, advertising manager of the *Preston Guardian* and the *Lancashire Daily Post*, left estate of the gross value of £13,985. His bequests included gifts to employees.

BE PROUD OF YOUR IMPRINT

Automatically, and without
special effort and expense

The Miehle

enhances every user's selling
organization by advertising
its better work
wherever such work
circulates

THE MIEHLE IS MADE IN ENGLAND BY
LINOTYPE & MACHINERY LTD
NINE KINGSWAY, LONDON

Machine Compositors' Vigilance Association

Annual Dinner and Concert

The Machine Compositors' Vigilance Association held its annual dinner at the Holborn Restaurant, London, on Saturday last (March 22nd) under the presidency of Rt. Hon. C. W. Bowerman, P.C., J.P., M.P. Nearly 300 members, with their ladies and guests assembled.

During the reception, Mrs. J. F. D. Dixon (wife of the chairman of the M.C.V.A.), who acted as hostess, was presented with a bouquet of crimson carnations by Miss Jessie Henwood (daughter of the secretary of the Association).

At the dinner among those supporting the chairman were:—Mr. G. W. Davis, J.P. (Linotype and Machinery, Ltd.), and Miss Davis; Mr. G. O. Stubbs (Lanston Monotype Corporation, Ltd.); Mr. Anderson (Intertype Corporation of New York); Mr. John Fry (Fry's Metal Foundries, Ltd.), and Mrs. Fry; Mr. T. E. Naylor, J.P., M.P. (general secretary, L.S.C.), and Mrs. Naylor; Mr. J. F. D. Dixon, J.P. (chairman, M.C.V.A.), and Mrs. Dixon; Mr. A. Henwood (secretary, M.C.V.A.), and Mrs. Henwood; Mr. R. W. Couchman (chairman, L.S.C.), and Mrs. Couchman; Mr. F. A. Davies (assistant secretary, L.S.C.), and Mrs. Davies; Mr. C. E. Coveney (financial secretary, L.S.C.); Mr. W. Warren (secretary, Society of Stereotypers), and Mrs. Warren; Mr. and Mrs. P. M. Parrish and Mr. and Mrs. G. V. Maddams (Fry's Metal Foundries); Mr. and Mrs. W. M. Bower, Capt. C. S. Burdon, Mr. and Mrs. G. H. Elliott, Mr. and Mrs. C. H. Heard, and Mr. and Mrs. H. W. Wilcockson (Linotype and Machinery, Ltd.); Mr. and Mrs. C. A. Axham and Messrs. W. Hubbard, F. Mitchell, W. Quixley, F. Smyth, W. Sterling, and W. Wigg (Lanston Monotype Corporation, Ltd.); Messrs. A. L. Bayliss, C. W. Brown, S. J. Collins, P. L. Crowley, F. W. Humphriss, and R. J. Trimble (Intertype, Ltd.); and Mr. E. Pheby (Ludlow) and Mrs. Pheby.

Messages of regret for absence were received from Mr. W. I. Burch (Lanston Monotype Corporation, Ltd.) and from Mr. Harvey Cachemaille (Intertype, Ltd.).

Only three toasts were submitted, the loyal toast being given by the chairman. Proposing "The M.C.V.A.," Mr. Bowerman said they were met to further the work of the Printers' Pension Corporation, the Pension Society associated with the M.C.V.A. having already established four pensions and he understood that the fifth was well under way. The work of such organisations as their Pension Society had greatly assisted the Corporation in this good work.

The toast was acknowledged by Mr. J. F. D. Dixon, who referred to the chairman as the magnet which had made that evening a record in the history of the Association. Never before had they had to close the list a week before the event. Mr. Bowerman had given a lifetime of service to the printing trade in London and throughout the country. He was respected by everyone with whom he came in contact; he was loved by every compositor worthy of the name.

A list of donations towards the fifth pension was read by Mr. Henwood. This list included 15 guineas from Linotype and Machinery, Ltd., 10 guineas from Intertype Corporation, Ltd., and 5 guineas each from Mr. Harvey Cachemaille, Lanston Monotype Corporation, Ltd., Fry's Metal Foundries, Ltd., Mr. John Fry, Mrs. John Fry, Brig.-Gen. W. F. Mildren, Mr. G. W. Davis and Mr. Victor Walker—making with the donation

from the Association of £50 and the result of the Christmas effort, £30 10s., a total in round figures of about £200.

"The Visitors" was proposed by Mr. R. W. Couchman, who referred to the wisdom in providing for retirement in old age.

Mr. John Fry, in his acknowledgment of the compliment, thanked the Association for associating the name of his wife with the pension completed last year.

Mr. T. E. Naylor also responded, and in doing so supported Mr. Fry's suggestion that the fifth pension should be associated with the honoured name of their chairman.

The health of the chairman having been drunk with musical honours, at the call of Mr. A. E. G. Goldwin (treasurer of the M.C.V.A.), Mr. Bowerman, responding, thanked the stewards for the efficient arrangements made for their entertainment that evening.

Miss May Phillips was responsible for the musical programme submitted during the evening.

Readers' Pensions Committee

The annual meeting of the Readers' Pensions Committee was held at St. Bride Institute on Saturday afternoon, when Mr. W. A. Perkins (chairman) was able to announce the completion of the organisation's thirty-first pension, making three added during the year. He further stated that every effort would be necessary to secure the success at the election of the Printers' Pension Corporation of the nine candidates having claims upon the support of the Committee.

The annual report and balance sheet were unanimously adopted, and the officers re-elected as follows:—President, Major the Hon. J. J. Astor, M.P.; chairman, Mr. W. A. Perkins; trustees, Messrs. J. Randall and E. Alfred; treasurer, Mr. A. C. Sealey; hon. secs., Messrs. P. J. Greene and R. Harris; hon. collector, Mr. J. H. Bedford; executive committee: Messrs. A. C. Cook, H. C. Golding, E. A. Groves, J. H. C. Hall, E. Lattimer, J. A. Moore, H. S. Temple, and C. J. Tyrer; auditors, Messrs. W. F. France and E. Wiggins.

The annual dinner, on behalf of the funds, will be held on Saturday, October 18th, and will be presided over by Lady Violet Astor.

Printers' Musical Society

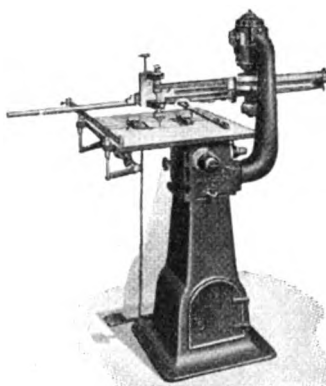
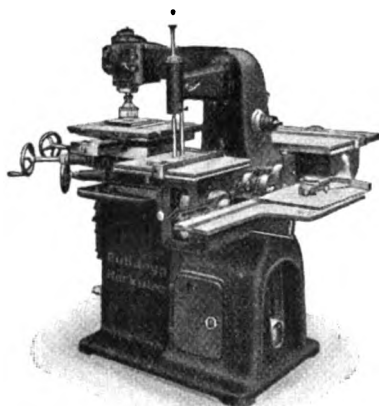
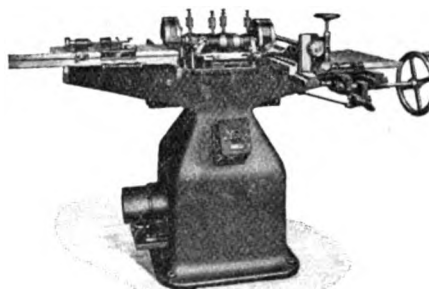
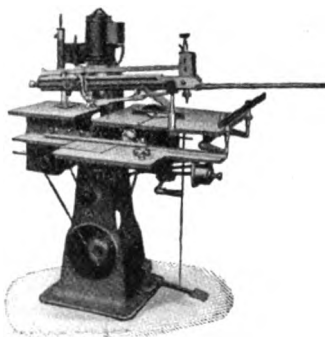
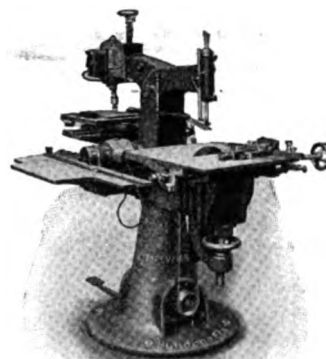
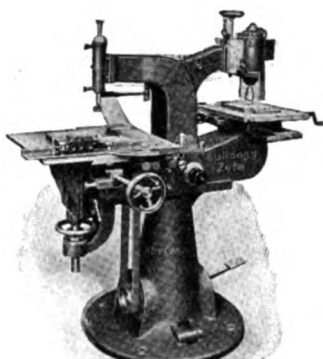
As the result of an annual concert given by the City of London Printers' Musical Society at Anderton's Hotel, a sum of £150 was raised for the Printers' Pension Corporation. Mr. Gordon Walker, a member of the City Corporation, and a director of Messrs. Usher-Walker, Ltd., who presided, in accordance with custom, doubled the sum on behalf of his firm.

The £300 thus raised brings the total sum contributed by the society to the funds of the Corporation to over £12,000 in the course of twenty years.

During the evening Mr. George Tams, on behalf of the society, presented Mr. Gordon Walker and his fiancée, Miss Irene Youldon, with silver gifts. The chairman subsequently entertained the committee to dinner at the Criterion Restaurant.

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Stonhill and Gillis, Ltd.

Successful Staff Dinner

A highly successful dinner was given to the staff by Stonhill and Gillis, Ltd., publishers of the *British and Colonial Printer and Stationer*, *Paper and Print*, and the *World's Paper Trade Review*, the event taking place on Friday evening last, at the Coventry Restaurant, London. Mr. Fredk. Gillis, the chairman of the company, presided and ample entertainment was thoroughly enjoyed.

The gathering marked the first year of the private company and the opening up of the second half-century of the successful production of journals representing the printing and paper trades.

The arrangements for the evening were in the hands of Mr. Stanley J. Gillis, and they were carried out on generous lines. The programme constituted a happy souvenir, inasmuch as the front cover depicted the three journals published by Stonhill and Gillis, Ltd., and the trades which they serve.

The speeches during the evening were interspersed with excellent musical items.

The toast of "The Firm" was proposed by Mr. E. J. Kennedy, who spoke of the fine traditions set up by the newspapers issuing from 58, Shoe Lane. He indicated some of the eminent journalists who had laid the foundations of the business, not least of them being the chairman (Mr. Fredk. Gillis), who continued to give the staff the benefit of his wide experience gained during forty-five years' active association with the management of the undertaking. He mentioned that many of the advertisers whose announcements appeared in the first issues were still prominent in the pages of the journals to-day.

Mr. Gillis, who was very cordially received, acknowledged the toast with gratitude. He said how deeply impressed he was with the way in which it had been proposed. He did not think it could have been proposed by anyone more fitting, because the name of Kennedy had been associated with the firm since its inception. Mr. Kennedy had mentioned that he (Mr. Gillis) had played a certain part in the success of the firm, but he wanted to say that he was indebted to Mr. Brown and the late Mr. Burch—two brilliant men—for the part they had played in the production of the trade newspapers at 58, Shoe Lane. Mr. Gillis went on to refer in complimentary terms to the work of all departments—editorial, composing, machine and folding, and remarked on the harmony and unity which existed throughout the firm. Going on to speak of the journals produced by the house, Mr. Gillis said that they had received letters from all parts of the world from subscribers saying how much they appreciated the valuable information imparted to them through the medium of the *World's Paper Trade Review*. Recently he had been speaking to a gentleman connected with the paper trade in India, who had declared that much of his knowledge of the trade and the many processes of manufacture connected with it had been derived from a close study week by week of the *Review*. Regarding the *British and Colonial Printer and Stationer*, testimonials as to its value were constantly being received from Australia, South Africa and all the other important colonies as well as from readers in this country. *Paper and Print*, the firm's latest effort, was an excellent link between the papermaker and the printer. Although of comparatively recent origin, it had firmly established itself, and was regarded as a journal of the greatest moment throughout the world.

In conclusion, Mr. Gillis said that with the hearty co-operation of the whole staff, there was no doubt

that the present success of the firm would be maintained, and even surpassed in the future. (Applause.)

The toast of "The Employees" was proposed by Mr. H. O. Adams, who remarked on the spirit of co-operation that existed in all departments of Stonhill and Gillis, Ltd.

Mr. J. J. Butler (overseer), in response, mentioned that length of service was a feature at 58, Shoe Lane, and stated that the aggregate service of seven members of the staff represented 210 years.

At the instance of Mr. F. C. Aaron, the toast of "The Chairman" was drunk with enthusiasm, being accorded musical honours and cheers, and Mr. Gillis suitably replied.

North London Printers' Concert

Members and friends of the North London Master Printers' Association spent an exceptionally enjoyable evening on Tuesday, last week, the occasion being the annual bohemian concert of this useful organisation. The event was well supported, those present showing great appreciation of the excellent musical programme that was provided. The chair was occupied by Mr. W. R. Cummins (president), who with other members of the committee, did all in their power to make the company as happy as possible. A gift in the form of a dainty pure-silk handkerchief was presented to each lady. Amongst those present were Messrs. J. W. Jackson (president, S.-E. Association), Fred A. Chivers (secretary, S.-W. Association), W. J. Boyle (secretary, Central Districts), W. J. Mizen (secretary, North London), F. J. Collins, T. D. Hawkins (secretary, E. and N.-E. Association), headquarters being represented by Messrs. L. J. Cumner and J. French. Prior to the concert, Mr. Cummins, in addition to extending a welcome to visitors from other districts, pointed out the value of such gatherings as that they were holding. He said he believed printers went back to their work better equipped after having spent an evening together in mutual social intercourse.

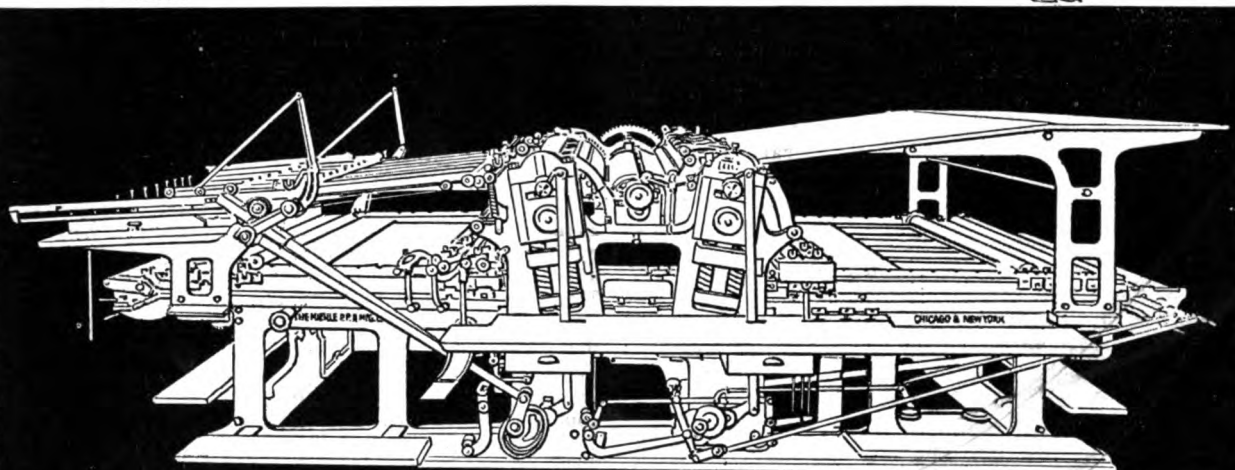
An interval in the musical programme was taken advantage of by Mr. J. W. Jackson, who, after mentioning several of the activities of the S.-E. Association, congratulated the North London Association on its obvious signs of prosperity and usefulness.

Votes of thanks were in turn cordially passed to Messrs. Cummins, Collins and Mizen for their contributions to the success of the evening.

The musical programme was under the direction of Mr. Fred Collins, who succeeded in filling the bill with the following well-known artists: Miss Nora Nelson (songs at the piano), Miss Vera Seddons (soprano), Mr. Wilfred Burnand (impersonator), Mr. Ceredig Walters (baritone) and Mr. Middleton Woods (entertainer).

PERIODICALS FOR FRANCE.—The Commercial Counsellor to H.M. Embassy at Paris reports that periodicals, including newspapers, have hitherto been exempted from payment of the import (turnover) tax on importation into France if imported in single copies, but that, in virtue of a recent Ministerial decision, the exemption from the import tax is now to apply to newspapers and also to periodical publications with the character of newspapers (i.e., those having as their object to supply the public with information of a scientific, literary, political, etc., nature), in whatever quantity they may be imported.

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The Successful Partnership

Not all partnerships are successful, and in this article an Accountant discusses various points of interest to business men.

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Many a man who is desirous of taking a partner into his business is faced with the problem: "Shall I be able to get on with him?" It must be admitted that there is always an element of risk where personal qualities are concerned, and it is this aspect that deters many from accepting additional capital which would otherwise be very acceptable in extending a profitable concern.

It will be seen from this that there are many matters, in addition to the question of capital, which require careful consideration before definitely agreeing to take a partner. One or two general hints may be put forward. Most successful partnerships have been brought into existence by the co-operation of parties who, although their object may be the same, bring different qualities to bear in the conduct of the business.

COMPLEMENTARY QUALITIES

Thus one may have a complete practical and technical inside knowledge of the business or profession, but lack the necessary qualifications for looking after the financial side of the enterprise. In this case, it will generally be found that the other partner completes the management of the business by looking after the "outside" interests, sees that, whilst the technical services of the firm give satisfaction to clients, no opportunity is lost in making profit by equitable charges and judicious economy. It is rare that the really practical partner—thoroughly conversant with the particular trade—is also the man to make the best contract with customers.

The necessity of two temperaments which will work together without clashing is, of course, most important of all. For this reason, it is preferable, in coming to terms with a prospective partner, to make quite sure that one can "get on" with him or her. Partnerships, after all, are a type of business marriage, and the ups-and-downs of the business are no less fraught with possible internal troubles than the domestic side of life.

MUTUAL CONFIDENCE NECESSARY

Personal references, therefore, play a large part in the final selection of a business partner. There is an old cynical adage about one partner having the experience and another the capital, whilst later on the positions are reversed! But in practice the first part of the arrangement, provided there is mutual confidence and co-operation, often leads to the establishment of a successful partnership.

Many of the skilled craftsmen and professional men and women to-day, whilst being masters of their trades, lack the necessary capital to set up for themselves. There are equally men and women, through various circumstances, who possess funds, but lack the technical knowledge which would enable them to employ their capital in a business to the best advantage. These are the types of individuals who in combination often bring about the best results in partnerships.

So long as there is a common determination to succeed, many of the minor questions which often lead to trouble should be ignored. There is the case, for example, where one partner may devote too much time, in his colleague's opinion, to the social side of life, which is a fruitful source of argument about "neglecting the business." In point of fact, in some busi-

nesses and professions the social side is a very definite source of profit by introductions.

THE VALUE OF PERSONALITY

There is another aspect which sometimes takes time to understand, which may be briefly classified as the partner with a temper. This is the type of partner who often makes his associate nervous and uneasy by his dealings with the clientele; but, so long as the main business qualities are possessed by him, too much importance need not be attached to any occasional signs of a strong personality. It must be remembered that personality counts a great deal in the successful control of business, and that some clients take to a personality—because, perhaps, of his straight-forward, matter-of-fact attitude—notwithstanding his personal characteristics which may not appeal to all.

It is because of these various personal questions that the matter of partnership requires a great deal of give-and-take in the successful control of a business. But "two heads are better than one," and such duplication has often proved a most valuable asset in policy, organisation and management; for this reason, those who seek to extend their business by taking a partner with them should not be put off because of the "ifs" and "buts" that occur to the mind. There is an element of risk in all ventures requiring outside co-operation; and the personal element of a prospective partner, whilst it should not be disregarded, need not be exaggerated.

PARTNERSHIP TAKING OVER EXISTING BUSINESS

Let us assume that a partnership is being formed to take over an existing business. To-day there are large numbers of people with varying amounts of capital who are seeking an opening for which they have no decided preference, so long as it offers a good prospect of financial success.

In the first place, a necessary safeguard is to deal through an agent whose integrity can be relied upon. Recommendations of businesses need expert scrutiny and investigation, whether they are put forward from private sources or through an advertisement. Next, if capital has to be raised, avoid moneylenders or their agents. A partnership arrangement has much to commend it, provided a partner with whom one can work and who is well recommended can be found.

Then comes the question of selection of the business. Much depends, of course, on the amount of capital available. But, in general, it is far safer to start in a comparatively small way—leaving a good margin for emergencies—than to select a bigger proposition than one can comfortably handle. It is policy, however, to pay a good price, even a high figure, for a thoroughly sound concern, rather than a low one for a business which has seen its best days.

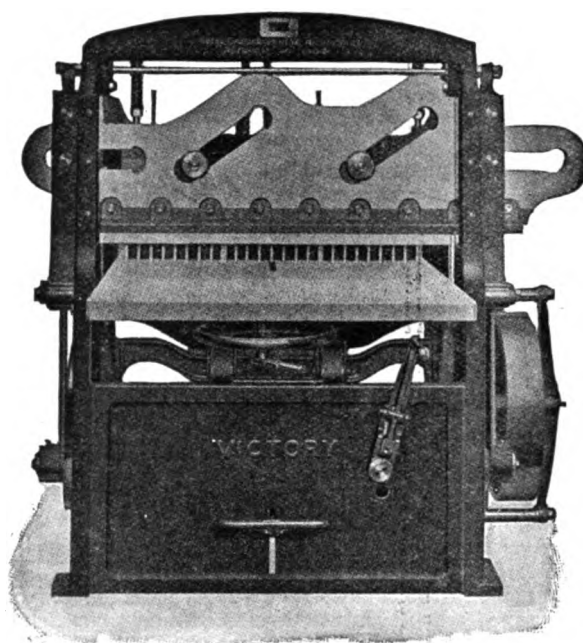
An important point for buyers to remember is that there are fashions in business as in every other line. To-day the progressive type is the business which gives an impression of new methods. If it is a printing house or a manufacturing plant, it must be up-to-date, with time and labour-saving appliances. Its office must be well fitted and equipped, as free as possible from the air of antiquity which appeared to be the pride of Victorian days.

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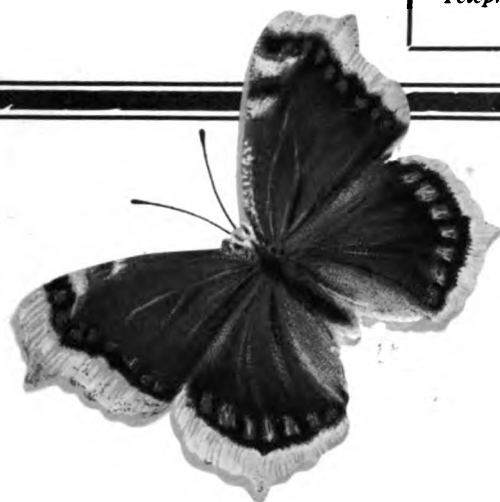
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The Printer's Machine-Room

Problems of Apprenticeship

By a Cardiff Printer

It is greatly to be desired that all employers should do what they can in the careful training of apprentices, looking upon this as a *duty to the trade*. When a young printer finishes his period of indenture he should be ready to enter any shop, and when an employer wants a new hand he takes up one who most likely has been trained elsewhere. As each employer takes it for granted that his new employee was thoroughly trained as an apprentice in the other shop, so on his part he should be sure that any apprentice leaving his shop has been thoroughly trained as well. The Cardiff Joint Apprenticeship Committee recommends the following points to the consideration of all.

It must be remembered that a "machine minder" is more than a mere "man in charge"—he is *the printer*. He must be a mechanic, an artist, a man to visualise his finished work before it is started, and a man swift to think and act. His ear must be trained as well as his eye, and a ready use of his hands is also necessary.

EARLIEST TRAINING

Upon introduction to the machine-room, the new apprentice should be immediately impressed with the importance of tidiness in a printing shop. Orderly habits have a big commercial value, for time spent in clearing up needlessly scattered paper and rubbish can be better spent in productive work. Tools should be put into their proper places, so that they can be found immediately they are required.

The first period of training should cover the working principles of platen and cylinder machines, the names and purposes of the different parts and the meaning of technical terms. The apprentice should acquire a knowledge of the nature and action of the various cleansing agents, such as lye (soda and potash) benzoline, paraffin, etc., and how and when to use them.

During the cleaning of formes and rollers he should learn how to handle these with care, and gain a knowledge of the composition of the latter. The apprentice should gradually become familiar with the different kinds of paper, their sizes and sub-divisions, and their qualities. The care necessary with machines, and safety precautions to be observed with their actual use can more easily be assimilated by the youth if he is at work with the machine; for his eyes, ears and hands are being trained in unison, and he must concentrate his thoughts on his job. Small feeding jobs should be safely carried through after a few months in the shop.

MAKE-READY

The apprentice's first experience of make-ready should be on the platen, starting perhaps with a card or ticket and then doing a letter-heading. The principles of impression should be fully explained, and demonstrated as well. After practice on simple jobs, the make-ready of two type pages should be given, care being taken to explain fully the method of positioning, and, as a follow-up, pages containing rule borders with leaders and with stereos. With these better-class jobs, the necessity of care in feeding can be more fully demonstrated, and the importance stressed of cleanliness in handling and correct placing. The use of the right side of the paper for one-sided jobs should be

demonstrated, but for jobs printed on both sides of the paper care should be taken that the title page comes on the better side. During the run, however small, the apprentice should carefully "watch the job," watching colour, spaces rising or letters pulling out, also that sheets do not set-off, taking care to interleave when it is necessary. Care in these little details can best be instilled in the mind of the apprentice when he is young and engaged in small work. It will then come as second nature to him later on and never be forgotten.

THEORETICAL INSTRUCTION

As the lad advances from the platen to the cylinder or to larger platen machines, an effort should be made for progressive advance on the theoretical side of printing as well as on the practical. The principles of cylinder printing should be fully explained, together with new points about correct impression; and the working mechanism and adjustments necessary on the machine should be gone over several times. The system of dressing the cylinder, the setting of the rollers and the ink duct, according to the class of job to be worked should be fully demonstrated. Other demonstrations should be the value of soft packing for posters or for a forme of mixed worn and new type, and the need for hard packing for the average class of commercial work and process blocks.

It is not advisable to put the apprentice on the larger-sized machines until he reaches his fifth year. Self-confidence is needed by the apprentice before he passes on to the larger machines, and this confidence will be best gained by continuous work on the smaller cylinder-type presses. Again we would stress the necessity of teaching the different qualities of inks, their composition and chemical effects on various plates and papers, and their uses for different classes of work. The apprentice should be taught now to arrange colour schemes, and the choice of primary and secondary colours, and the making of tints and shades for colour schemes. He should be encouraged to give ideas and suggestions of his own. He should not, however, suffer from that often undetected defect, colour-blindness, and various tests should be applied to see all is well in this important direction.

COLOUR AND FINE WORK

The sixth and seventh year should introduce the apprentice to the two-revolution machine, and the production of colour and fine work generally. Again we suggest that the construction and the mechanical work of the machines should be fully explained, including the working of automatic feeders where they are in use, both friction and suction types. These last two years of the lad's apprenticeship provide the finishing-off process of his experience. He should now know the different methods of half-tone interlays and the correct values of light and shade and when it is necessary for an interlay. Vignette blocks should be fully understood, and their treatment during make-ready correctly undertaken.

If the apprentice can attend lectures, these should include the principle of the production of process

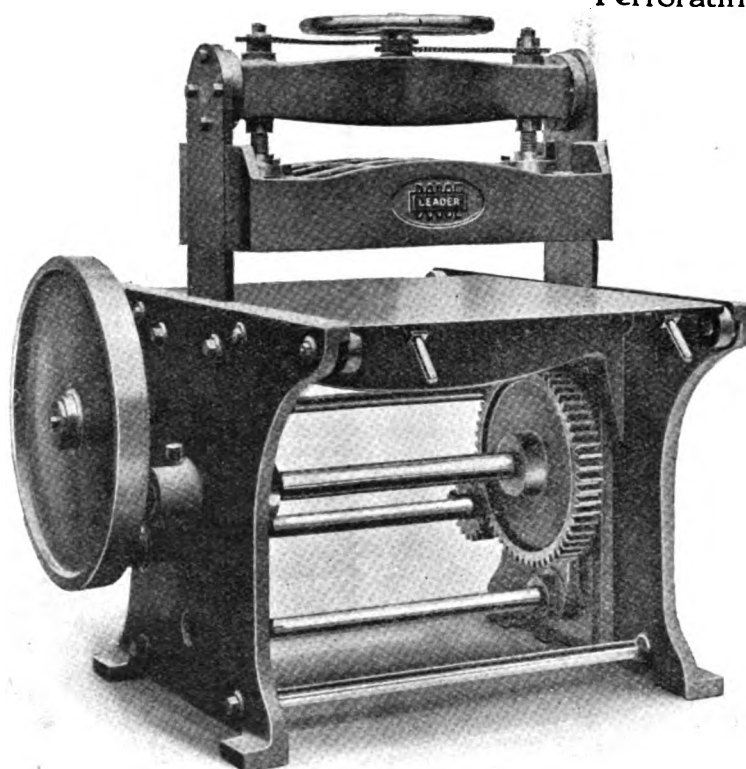
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blocks and also three-colour blocks, as without a knowledge of the making of these, the machine-minder cannot be expected to produce the finished job as the artist or as the block-maker intended it to be printed. He should be able to distinguish the difference immediately between originals and duplicates, and fully understand how to treat both.

In putting forward these proposals we have endeavoured to show only the essentials of the training of the machinist-apprentice, having in mind that not all offices have the facilities for the thorough training of the lad and for the various classes of work. We do

earnestly advise the employer to make it a condition of the apprenticeship indenture that the lad shall regularly attend the technical school wherever possible and to see that this is done.

We would stress that the theoretical side is equally important as the practical side, and the lectures should deal with the many phases of the trade that cannot always be dealt with in the machine room. The apprentice should avail himself of the many opportunities for technical education, which, in conjunction with the daily working experience, should make a successful journeyman.

Printing Trade Personalities

MR. TOM HUNT

Mr. Thomas Hunt, one of the founders of the Printing, Bookbinding and Kindred Trades Overseers' Association, and one of its most popular members, has recently retired, after a connection with the bookbinding trade extending to fifty-two years.

Mr. Hunt started work in the stationery trade in 1878, serving his apprenticeship with Messrs. Hudson and Kearns. He was for thirty-three years bookbinding overseer at Thomas and Sons, Ltd., and on his retirement from the firm, a week or two ago, was presented by the directors on the occasion of their annual dinner at the Holborn Restaurant with a rosewood smokers' cabinet, fully charged, also cut-glass whisky decanter and glasses; by the works department with a three-valve wireless set; and by the clerical staff with a cigar case.

Mr. Hunt has been a member of the Stationers' Mutual Benefit Society for forty-four years (for thirty years of which he was a committeeman) and has served as auditor and trustee of that organisation. He was for thirty years a member of the Vellum Binders' Pension Society (twenty-five years on committee). For a number of years he has been a collector for the Hospital Saturday Fund and the Lloyd Memorial Home.

Mr. Hunt goes into retirement with the best wishes of a large circle of friends.

MR. C. F. BOWES

Mr. C. F. Bowes, who has just completed 25 years' service as hon. treasurer of the Newcastle and District Master Printers' Association, is one of the most popular gentlemen in printing circles, not only on his native North-East Coast, but nationally.

He was president of the Association from 1914 to 1920, six of the most difficult years in the history of the Association, and his completion of that term was marked by the presentation of a handsome rose-bowl. On the formation of the North-Eastern Alliance in 1919, he was elected first president, and occupied the chair for three years. He has represented the Alliance on the National J.I.C. since its inception, and has served for the majority of the time as chairman of the local J.I.C. District Committee, under whose auspices successful classes for printers are conducted at the Armstrong College of the University of Durham. He was for a good number of years a representative of the Alliance on the Federation Council, and continues to act in that capacity as deputy when occasion demands.

His interest in the affairs of employees was demonstrated before the days of the Joint Industrial Council, by his membership and chairmanship of "Typo-

graphia," an organisation for education and mutual improvement which did much to assist keen workers to learn more of their trade and craft. This body is now superseded by the J.I.C., but Mr. Bowes is still chairman in Newcastle.

Mr. Bowes is a great believer in the uses and work of the Federation of Master Printers, and for many years took a leading part in conferences with the employees when wages and conditions were the subject of local negotiation. Costing matters have long been his especial interest, he having been a member of the Federation Costing Committee since 1919. He has also rendered valuable missionary service in connection with the establishment of associations in other parts of the country, and has many interesting reminiscences of past days.

Nor do the activities of Master Printers occupy all his attention. He has a national reputation as a musician, having the right to append B.Mus. (Dunelm) and A.R.C.O. to his name. He is a member of the Council of Graduates in Music, and was for many years the organist and secretary for the Wesleyan Service of Song in Newcastle, his father, Mr. J. B. Bowes, being conductor.

He served for many years as President of the Appeals Court in connection with Unemployment Insurance, which position terminated with the adoption of the Blanesbury Report. He is a member of the Newcastle Society of Antiquaries, and delights in taking visitors on a tour of the "Old Newcastle" and the district, particularly the Roman Wall.

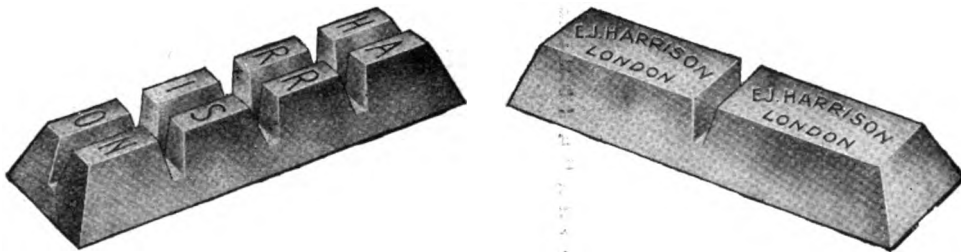
Such is a sketch, in brief, of a man of varied interests who is yet young enough to look forward to reaching his jubilee in the treasurer'ship, and his many friends extend to him their best wishes for a long continuance in the office.

In a series of articles entitled "A Survey of British Industries" appearing in "Industrial Welfare," published by the Industrial Welfare Society, the March number contains a well-informed contribution on "How the Printing Trades Progress: Co-operation in Research, Costing and Betterment."

ENTITLED "Artificial Silk: A Special Supplement to the Drapers' Organiser (Reprinted from the February issue)," a quarto magazine of over a hundred pages is sent us by the Sun Engraving Co., Ltd. It is profusely illustrated in both colour and black-and-white, a notable feature being printing by colour blocks engraved direct from fabrics—a speciality of the Sun Co., at whose Watford works both the engraving and the printing were carried out.

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Book Reviews

PRINTING IN THE TWENTIETH CENTURY (The Times Printing Number): 320 pages; crown quarto; red cloth, 7/6; limited edition, fine paper, superior binding, 15/-.

When *The Times* Special Printing Number was published a few months ago, the edition of over 300,000 copies was sold out within a few hours, and there were immediate demands that the work should be given permanent form. Printers, publishers, engravers, artists, advertising men and all who are concerned with the industry will welcome the resulting handsome quarto volume just published. It comprises not only the text matter and illustrations of the original version, but also additional plates and other illustrations. It contains examples of many different reproduction processes including woodcuts, steel engravings, colotype, four-colour offset, colour-gravure, natural colour photography, and thirty-two pages of rotogravure. As regards the text matter (admirably printed in Baskerville type on antique paper), the book is divided into ten parts, each of several chapters, commencing with an outline of the history of the craft from the days of Gutenberg through the age of the great French printers up to the renaissance initiated by William Morris, and the art as practiced in the great countries of the world to-day. While a certain amount of space has necessarily been devoted to the childhood of the craft, and its gradual growth, by far the greater part of the volume deals with the rapid progress of the past few years, in letterpress, photo-gravure, offset, etc., and the present tendencies of all these processes. Most aspects of typography, typesetting machinery, printing machines, photo-composing, etc., are fully dealt with, and succeeding chapters discuss, with a wealth of interesting detail, the subject of book production, both as to fine editions and low-priced publications; printed salesmanship—a question of vital importance at the present time; posters and advertisements; the newspaper press (including a very interesting account of the organisation and equipment of *The Times* office); paper and ink, and so on. Well-known experts are amongst the many contributors. The fact that *The Times* has for nearly a century been foremost in the encouragement and adoption of every development of the industry (the first steam press, rotary press, and one of the first typesetting machines ever used in a newspaper office, were installed by *The Times*) makes it fitting that such a work of lasting value and beauty should issue from this source. There is no doubt that the work will be handed down to posterity as a concise record of the development of craft at one of the most important stages of its history.

THE TWENTIETH CENTURY ENCYCLOPEDIA OF PRINTING; compiled by Martin Heir; 522 pages; Graphic Arts Publishing Company, Chicago.

Of inestimable value to the progressive worker in any section of the printing and allied trades is the possession of up-to-date technical literature, particularly of such books as comprise much information in small compass. A most valuable work comes before us, in the form of "The Twentieth Century Encyclopedia of Printing," whose compiler, Mr. Martin Heir, editor of the *Graphic Arts Monthly* (Chicago), U.S.A., has made it his aim to drain every source of information while disregarding immaterial matter, in order to supply all printers, and especially printing students, with a volume from which they may derive the

greatest possible benefit. The book has been rendered the more authoritative, as Mr. Heir points out, by having been submitted to experts in the different branches of the industry for revision or correction. Thus the book is supported by the authority of such well-known American printing personalities as Mr. Douglas C. McMurtrie, who, besides writing an interesting foreword is responsible for the revision of all historical matter, and the article on the Ludlow system. In the same manner, many other well-known printers have given their valuable assistance to Mr. Heir, thus rendering the Encyclopedia a comprehensive and authoritative volume. There are thirty chapters, commencing with useful glossaries of graphic art terms, including those current in printing in general, photo-engraving and bookbinding. The following chapters deal fully (aided by numerous good illustrations) with such matters as book-making in every branch, the basic principles of good typography, making of electrotypes, typesetting machinery, photo-engraving and colour work, modern make-ready methods, printing presses, printers' inks, press-room problems, printers' estimating and costs, and many other matters of interest to printers. The text-matter, while dealing with essential facts, is written lucidly and with a pleasing simplicity of language. The contents are not, as the book's title would suggest, in alphabetic order; nor is there an index to the text; and even the glossaries are in three different groupings. Quick reference is, however, aided by the inclusion of a detailed table of contents and a list of illustrations. As Mr. McMurtrie points out in his preface, the labour of years must have gone into the production of this competent, valuable work. Mr. Heir in the course of that labour has rendered an irrepayable debt to his fellow craftsmen of all ages and denominations in the great printing industry.

Fewer Women Comps

A Home Office report just issued deals with the rôle of women in industry, and indicates that the part played by women is growing steadily greater.

In very few branches of industry have women lost ground during the period under review, and the causes have in almost all cases been changes such as introduction of machine, changes of process, changes in public demand, and so on.

In a few cases a decrease in women's employment appears to have been due to trade union action.

The most notable example, the report states, is in the printing industry in Scotland.

The compositors' unions have always been opposed to the employment of women in the composing rooms, but for many years some women have nevertheless been employed as compositors in various parts of Britain, and especially in Scotland.

It is estimated that in 1910 there were about 1,000 women compositors in Edinburgh alone, but now, as a result of the unions' opposition, there are said to be only about 200 in the whole of Scotland.

THE late Mr. David C. Thomson, 74, of Highgate, N., for some time editor of the *Art Journal*, left £52,791.

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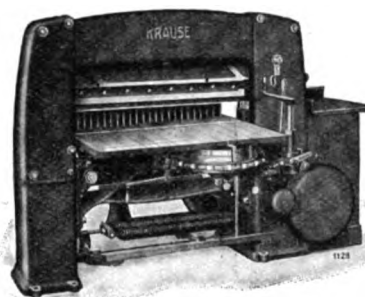
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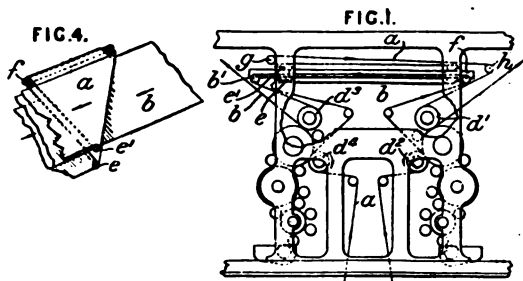
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New Inventions

The following extracts are taken, by permission of the Controller of H.M. Stationery Office, from the Illustrated Official Journal (Patents). Full copies of Published Specifications (1s. each) can be obtained from the Patent Office, 25, Southampton Buildings, London, W.C.2

ROTARY PERFECTING PRESSES

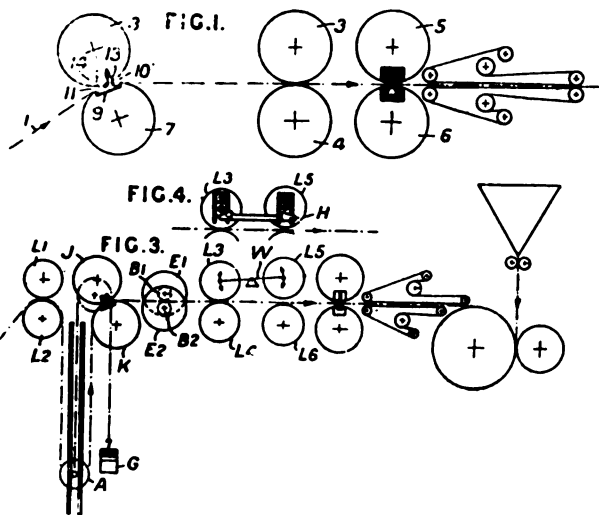
Messrs. A. Terry, C. C. Esson, and R. A. Bargate have patented a rotary perfecting press which is constructed to perfect two webs simultaneously by employing two impression cylinders d^1 , d^2 ; d^3 , d^4 in conjunction with each printing cylinder, and arranging for the webs a , b to cross each other when travelling from



one impression cylinder to the other. To enable the web b to cross web a , web a after receiving one impression is formed into a loop by being passed over a turning bar e , a roller f , and finally over a second turning bar e^1 which returns the web to its original plane. Rollers g , h then direct web a to the second couple to receive its perfected impression. The web b after receiving its first impression is passed through the loop of web a , and a roller b^1 directs it to impression roller d^3 to receive its perfected impression.—315,816.

FEEDING PAPER WEBS

An invention by the Schnellpressenfabrik Koenig and Bauer Akt.-Ges., relates to a paper web bearing regularly spaced printed impressions which is fed to a cutting apparatus by feeding devices which are controlled so as to obtain register of the printed



matter with the cutters by devices co-operating with perforations or other register marks on the web. The invention is particularly applicable to apparatus for supplying inset sheets to the products of high speed printing presses. In one form, Fig. 1, the previously

printed and perforated web 1 passes over a control roller 7 and between feed rollers 3, 4 to the cutting devices 5, 6. The roller 7 is provided with two conducting strips 10, 11 separated by an insulating strip 9 and rotating opposite to the roller is a disc 8 carrying two spring-pressed contact pins 13, 14 co-operating with the strips 10, 11. When the web is in correct register, the perforations lie on the insulating strip 9, but if the feed is greater or less than normal a perforation lies on the strip 10 or 11 and an electric circuit is closed through the corresponding pin 13 or 14 to operate devices for retarding or accelerating the feeding speed of the rollers 3, 4, such as by varying their diameters. The pins 13, 14 extend beyond the periphery of the disc 8 so that they remain in contact with the strips for a time sufficient to ensure closure of the circuit at high speeds. In another form, Fig. 3, two pairs of feed rollers L3, L4 and L5, L6 are provided adapted respectively to feed at a slightly smaller and slightly greater speed than the correct speed, and the upper rollers are mounted on a lever W, or are controlled by a sliding wedge member H, Fig. 4, so that only one pair of rollers are operative at one time. A pair of rollers L1, L2 feeds the web at approximately the correct speed into a loop in which floats a roller A, partly counterbalanced by a weight G, and from the loop the web passes between the control roller K and disc J similar to the roller 7 and disc 8 of Fig. 1. The rollers L3, L4 continue to feed the web until the retardation of the web causes the perforations to allow a circuit to be closed by the roller K and disc J to reverse the position of the lever to or wedge member H, and allow the rollers L5, L6 to feed. The perforations then creep forward until the other circuit is closed by the roller K and disc J to again reverse the lever W or member H and throw in the lower-speed rollers. To prevent backward movement of the web when it is released during the change over of the feed rollers, a pair of rollers B1, B2 carrying flywheels E1, E2 are provided which by their momentum continue to feed the web forward.—313,955.

PHOTOGRAVURE PRINTING SURFACES

According to a patent, by Mr. R. N. Getches, in the preparation of an etching resist for a photogravure printing surface a negative silver photographic image is pressed into contact with a chemically sensitized gelatin film whereby portions of the film are rendered insoluble to an extent depending on the silver in the image. The process is applicable not only for tone pictures but also for the reproduction of pictures combined with printed line or type matter. The gelatin film is prepared by immersing a "carbon tissue" in a solution of bichromate of potash, potassium ferri-cyanide and potassium bromide, and after draining immersing it in a solution containing glacial acetic acid, hydrochloric acid and formaldehyde. The negative image may be directly produced on bromide paper, and the photogravure screen may be light printed on the paper before or after exposure for the image. Alternatively the gelatin film, after the image is produced therein from the negative silver image, may be re-sensitized with potassium bichromate and the screen printed by light action, or the screen may be light-printed first. The alternative procedures described are illustrated by diagrammatic drawings.—315,889.

New British Patents

APPLICATIONS

Allgemeine - Elektrizitäts Ges. Ticket - printing machines. 5,896.
 Associated Portland Cement Manufacturers, Ltd., and Baxter, J. G. Paper bags. 5,971.
 Butler and Beggett, Ltd. Cardboard, etc., boxes. 5,522.
 Delgado, F. C., and Delgado, Ltd., G. Stationery envelopes. 5,871.
 Evans, W. P. Machines for drying blankets of printing machines, etc. 5,912.
 Hart, H. Typographical composing machines. 5,909.
 Hughes, F. E. Ink-roller brake for printing presses. 5,304.
 Intertype Corporation. Guiding slugs from ejecting device of a line-casting machine. 5,830.
 Jarrier, R. Manufacture of paper tubes. 5,642.
 Manton Bros., Manton, F. W., and Manton, J. N. Ink-agitators for printing presses. 5,894.
 Molins, W. E. Cartons for cigarettes, etc. 5,396.
 Williamson, F. C. Cigarette cartons, etc. 5,648.
 Woods, Ltd., W. H. and J. Containers for cigarettes, etc. 5,603.

SPECIFICATIONS PUBLISHED

1928.

Gibson, M. Cardboard boxes and cartons. 325,129.
 Hackett, H. and Whittaker, A. Manufacture of cardboard boxes. 325,344.
 Hoe and Co., Ltd., R. Delivery mechanism for use in printing machines. 325,343.

1929.

Cahill Carton Corporation. Cartons. 325,395.
 Camco (Machinery), Ltd. Sheet feeding mechanism for use in folding or other machines. 325,348.
 Kings Patent Agency, Ltd. (Schnellpressenfabrik Frankenthal Albert et Cie Akt.-Ges.). Doctor device for copper-plate printing presses. 325,456.
 Marchfeld, N. Paper bag particularly for use in the packing of coal and the like. 313,606.
 Seabrook, H. (Zimmer's Erben Akt.-Ges. F.). Mechanism for adjusting the roller bearings of roller printing-machines. 325,438.

COMPLETE SPECIFICATIONS OPEN TO PUBLIC INSPECTION BEFORE ACCEPTANCE

1930.

Grunberg, J. Printing and stamping presses. 1,315.
 Tarentum Savings and Trust Co., Voiget, M. C., Cox, C. C., Hopkins, H. S., and Hover, J. M. Sheet-piling mechanisms. 4,415.

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Trade Union Matters

AN effort is being made in Hull to arrange closer harmony between the bookbinders and the paper workers, who for a long period have kept distinctly apart. In consequence there has been much overlapping. Negotiations are now in progress for combining the sections, one of the principal movers being Mr. A. Lushy, the secretary of the bookbinders.

HOME COUNTIES GROUP (T.A.).—The printed report of the annual meeting of the Home Counties and South-Eastern Group, Typographical Association, held in London last month under the chairmanship of the group president, Alderman E. J. Manning (Norwich), is issued in conjunction with the annual report and balance sheet. Eight branches in the area had submitted fifteen resolutions for the council's consideration, the subjects dealt with embracing questions relating to superannuation, alterations to National Monotype Agreement, unemployment pay, legal claiming of arrears, and a levy of 2d. per hour on all overtime hours worked. The latter question has been left in the hands of the branches to decide. The following were elected for the Group Council, 1930-1931: President, Alderman E. J. Manning, J.P. (Norwich); vice-president, Mr. W. H. Phillips (Gravesend); Mr. L. P. Bristow (Addlestone), Councillor F. I. Dann, J.P. (Tonbridge), Mr. S. A. Ford (Colchester), Mr. H. Harvey (Hastings), Mr. A. H. Sharpe (Oxford), Mr. S. R. Smith (Brighton), Mr. F. Summerfield (Watford), and Mr. G. H. White (Letchworth).

"CALL MONEY."—Following some differences in Leeds concerning the payment of "call money" for work performed on Sundays, the secretary of the Leeds branch of the Typographical Association has received from Mr. E. V. Chadwick, secretary of the Leeds Master Printers' Association, a letter quoting a reply received from Mr. A. E. Goodwin advising that the "call money" should not be paid, as there was no regular time for working on a Sunday, and therefore the agreement did not provide for the payment of "call money." Mr. Goodwin also stated that there had been a number of instances where men had been employed on Sundays in Leeds and no request had been made for "call money." Mr. Goodwin further stated that the agreement had been in force for eleven years, and it was only recently that the application for "call money" had been made. If the Typographical Association considered they had a grievance they could apply to the Conciliation Committee to deal with the matter. The executive council of the Typographical Association, after consideration of the correspondence, have decided to continue to press the claim for "call money" for Sunday work both on the Leeds firms concerned and the Federation of Master Printers.

TEA MONEY.—The secretary of the Birmingham branch of the Typographical Association has been informed by the headquarters officials, in reply to his query as to whether tea money is payable to a member who had been asked to remain after 6 o'clock to finish a job and finished at 6.45, and for which he received an hour's overtime, that if notice to work overtime had not been given before the mid-day meal-time he is entitled to tea-money.

APPRENTICES AND CHRISTMAS CARDS.—The secretary of the Preston branch of the Typographical Association has asked the executive committee of the Association for advice regarding a proposal to transfer an apprentice in an office in his branch from the Christmas card department to the general jobbing depart-

ment. There was a vacancy in the jobbing department, but the office chapel were opposed to the transfer. The committee have agreed to the change being made, and at the same time have advised the branch to notify the firm that it is not desirable to employ apprentices in the Christmas card department.

Technical Examinations

Subject to a sufficient number of candidates making application, examinations in the undermentioned subjects will be held at Stationers' Hall, under the auspices of the Stationers' Company and Printing Industry Technical Board, on the following dates, which are subject to alteration:—

Monday, April 28th, at 6.30 p.m.—Costing, composing (craftsman), binding (women), machine ruling, printers' assistants, cylinder machine.

Tuesday, April 29th, at 6.30 p.m.—Estimating, monotype, linotype, warehouse, stereo and electro (craftsman).

Wednesday, April 30th, at 6.30 p.m.—Paper, reading, composing, stereo and electro.

Thursday, May 1st, at 6.30 p.m.—Binding, book crafts, platen machine, lithography, order clerks.

Candidates for examination must have attended a recognised course of technical instruction. An entrance fee of 1s. 6d. is charged for each examination.

The Technical Board awards certificates, medals and prizes on the result of the examinations, but a candidate having obtained a first-class certificate or prize is not eligible for a similar award in the same section.

There are two grades of examinations: (a) Technical Certificate; (b) Craftsman's Certificate. Examinations may be arranged for elementary and advanced students in sections not specifically mentioned under (a) and (b).

Candidates for either of the two grades of examination in the composing, letterpress machine, lithography, binding, and stereo and electro sections are required to bring with them to the examination an example of practical work (layouts not permissible) certified by their instructors as having been done by them during the current session.

In respect of (a) Technical Certificate, candidates must be between the ages of 18 and 21, and have attended at least a third year's course of instruction at a technical school. The medals of the Worshipful Company of Stationers are awarded on the result of these examinations.

In respect of (b) Craftsman's Certificate, candidates must be either over 21 years of age, or the possessor of a first-class technical certificate awarded by the Board.

The Technical Board will at their discretion award silver and bronze plaques on the results of these examinations.

Applications and entrance fees must reach the hon. secretary at Stationers' Hall not later than April 4th, 1930.

HARROW Council is to seek powers to control poster hoardings.

KINDNESS TO COMPOSITORS.—Wladyslaw Szczepaniewicz, a Polish-American, has formally changed his name to "Walter Shep," and Reuter reports that the Union of U.S. Compositors has solemnly passed a vote of thanks to him. The first syllable of his real name (Szczepan, etc.) was pronounced something like "Shep."

Letter to the Editor

PRINTERS AND ADVERTISING

Sir,—The great drawback to the use of paradox in public speaking is that it does not bear condensation. So widely and keenly is the *British and Colonial Printer* read, that I feel it important to amend a few of the statements which I am reported in your issue of March 20th to have made at the recent Home Counties Y.M.P. gathering. To anyone who happened to know that for the past six years I have been urging upon printers the necessity of claiming their rightful place in the advertising world, your report must have seemed a most unnatural recantation of arguments I have long supported!

For the purposes of the debate, I somewhat underlined the difficulties of certain fields of advertising to the printer: I said that press and periodical advertising unfairly handicapped the printer, and forced him to deal with unreasonable amateurs, yet forgo the profitable discount; and my reason for pointing out the great difficulty which the majority of master printers face when they go into advertising for the first time, was that the majority of master printers were over forty. The rising generation, and a gratifying number of older men, have a keen appreciation of the fundamentals of good publicity, and are far from handicapped by the feeling, once common, that there is something inherently undignified about advertising. If I said that "the printer had neither the time nor the training for advertising," I must have been talking in a trance. According to my notes, I pointed out that direct-mail, the printer's own special gold-mine and the one most important development of modern advertising, should be taken seriously or let alone, i.e., that some corner of the office ought to be reserved for creative work of this kind, whether it consisted of up-to-date service or only the collecting and combing of mailing lists, or producing the printer's own advertising.

I am sorry to trespass upon your columns to this extent, but considering that my department at the Lanston Monotype Corporation has initiated a special publicity service for printers which I believe is still unique in the amount of co-operation it extends (though it is inevitable that other supply houses must offer similar co-operation), I should like to counteract to some extent the effect of the very gloomy statements I may have made. Lacking the chance to defend the affirmative in a debate on whether it is easy for printers to advertise, I was at least delighted that the affirmative should win by common consent; and in Mr. Badcock's able hands I am sure that it did.

BEATRICE WARDE.

Lanston Monotype Corporation, Ltd.,
43 and 44, Fetter Lane, London, E.C.4.

THERE is to be in Manchester an exhibition of good printing, arranged by the Manchester branch of the Design and Industries Association. What they want to show falls under two heads: work which Manchester printers have done for clients in any part of the world; and printing done for the exclusive use of Manchester business houses, institutions, and individuals by any press. Anyone who has done good printing or had good printing done of this description is invited to communicate with the joint honorary secretaries, Mr. K. R. Brady and Mr. B. Wilson, at 14, Long Millgate, Manchester. The date and place of the exhibition have not yet been decided on.

F.M.P. Annual Meetings

Arrangements for the annual meetings of the Federation of Master Printers at Edinburgh from May 31st to June 4th are now completed.

The speakers at the Cost Congress will be Mr. W. L. Bemrose, chairman of the Federation Costing Committee, Mr. Dudley P. Forman, who is to be nominated as vice-president of the Federation for next year, Mr. William St. Clair Wilson, Mr. J. A. Stenbridge, and Miss Kneafsey, of Dublin.


The Publicity and Selling Congress will be presided over by Mr. Alfred Langley, chairman of the Publicity and Selling Committee, and Mr. C. Dandridge will speak on "Some Points of View of a large Buyer of Printing." There will also be a symposium of printing by Mr. Robert Wylie (Glasgow), Lt.-Col. B. L. Hooper and Mr. E. C. Keliher (London).

While the annual meeting of the Federation is taking place on Tuesday morning, June 3rd, the Young Master Printers Congress will be held, and there will be discussions on "Personal Salesmanship" and "Production Records." At the close of the meetings, there will be a joint meeting when Principal Smail, of the Heriot Watt Technical College, Edinburgh, will speak on "The Craftsmen of the Future."

The speakers at the Federation banquet on Tuesday evening will include the Lord Mayor of London (Sir William Waterlow), the Lord Provost of Edinburgh, Mr. Hugh Walpole, and Mr. Esme Percy.

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A.T.D.

Trade Notes

It was stated at Leeds Assizes last week that Sir W. C. Leng and Co. (*Sheffield Telegraph*), Ltd., had agreed to pay to Mr. Percival Sharp, Director of Education for Sheffield, £250 and costs in respect of an action for libel, which had been settled out of court. The action was in connection with a letter printed in the *Yorkshire Telegraph and Star* on October 30th last, commenting on the conduct of the Municipal Printing Department.

THE annual convention of the Joint Industrial Council, which was to have taken place at Bradford, will be held in London on July 3rd.

THE next meeting of the Regrading Committee (representing the Federation of Master Printers, the Newspaper Society and the Typographical Association) will be held at the Federation Headquarters on Wednesday next, to deal with towns in the Canterbury area and also Southend.

THE Huntingdon Master Printers Association held its annual meeting yesterday (Wednesday).

THERE were four fatal accidents in the paper, printing, etc., group of trades during February and one case of lead poisoning in the printing industry.

THE late Mr. C. G. J. Volkert, of Chiswick, W., music publisher, a director of Augener, Ltd., left £31,430.

THE late Mr. John Newby, of Stowmarket, Suffolk, printer and bookbinder, of Ipswich Street, left £5,324 (net personality £1,582).

THE late Mr. J. T. Day (71), of Streatham Park, S.W., editor and founder of the *Shoe and Leather Record*, left £59,017 (net personality £54,268).

THE late Mr. Rowland Winn Pollard, Sanderstead, until recently works manager of George Mann and Co., Ltd., printers' engineers, left £3,243 (net personality £1,314).

THE late Mr. Robert W. Moffrey, of Balham, S.W., at one time head of the Stationery Office, who died on February 16th, aged 84, left estate of the gross value of £10,705, with net personality £9,914.

AN agreement has been signed in Delhi providing for the amalgamation of the *Pioneer* of Allahabad, the *Civil and Military Gazette* of Lahore, and the *Daily Chronicle* of Delhi. It is understood that each newspaper will continue to publish separately, preserving its individuality.

AFTER 108 years of continuous publication, the *Calcutta Englishman* is to cease to appear as a daily newspaper from the end of this month. It will appear weekly instead.

THREE booklets printed in type set and cast by students attending the Monotype classes at the Birmingham School of Printing (Central School of Arts and Crafts), indicate that an excellent standard of workmanship is maintained at this well-known establishment. Admirable work in fine book production is exemplified, and one of the booklets is devoted to specimens of miscellaneous Monotype composition, demonstrating the wide variety of effects for which Monotype faces can be used.

SAMUEL JONES AND CO., LTD., are now ready with their new sample sets of Bridewell coated boards and pasteboards. Other features of their monthly list are triplex ticket boards, auto-feed non-curling gummed papers, "T" quality tints, and a host of attractive ideas.

Master Printers' Meetings.

THE quarterly meeting of the Council of the Federation of Master Printers is to be held on Tuesday, April 8th.

THE annual meeting of the Home Counties Master Printers Association takes place on May 14th at the Florence Restaurant, Rupert Street, W.

COMING annual meetings of master printers' organisations are: The Yorkshire Alliance, April 14th; The East Anglian Alliance, April 30th; The Cambridge Master Printers' Association, March 31st.

THE annual meeting of the South-West London Master Printers Association will be held next Tuesday at Arding and Hobbs' Restaurant, S.W.11. Following the election of officers for the ensuing year there will be a discussion on "Salesmanship."

THE first of a series of meetings in local areas of the West and North-West London Master Printers Association will be held next Monday at "The Britannia," High Street, Camden Town, when the proceedings will take the form of a supper, to be followed by addresses on the subject of "What the Buyer Expects from the Printer." Mr. S. N. Heron (president) will be in the chair. These meetings have been inaugurated in view of the fact that the area in which the Association operates is a scattered one, and the arrangement by which meetings are held at one centre acts prejudicially against the attendance of members unfavourably situated to that centre.

L.M.P.A. Lunch

Under the auspices of the London Master Printers Association, Mr. W. Buchanan-Taylor, one of the most popular and racy speakers on advertising, will give an address on "Does the Printer Help the Advertiser?" at the Trocadero on Wednesday, April 9th.

Tickets (5/- each) may be had on application to Mr. W. Whyte, L.M.P.A., 7 to 10, Old Bailey, E.C.4.

Government Contracts

Contracts for the following supplies were placed, as indicated, during February:—

STATIONERY OFFICE

Printing, Ruling, Binding, etc.: Group 328 (1930)—Calendars of Wills: Courier Press (Leamington Spa), Nuneaton. Command Orders, etc., for G.O.C. 46th N. Midland Division and Area N. Command, Derby: James Harwood, Ltd., Derby. Command Orders, etc., for G.O.C. Welsh Area (53rd) Welsh Division: Livesey, Ltd., Shrewsbury. Command Orders, etc., for G.O.C. Scottish Command: Neill and Co., Ltd., Edinburgh. Command Orders, etc., for G.O.C. 42nd (East Lancs.) Division and E. Lancs. Area: R. Seed and Sons, Preston. 20,000 Prayer Books: W. Clowes and Sons, Ltd., Beccles.

CROWN AGENTS

Linotype Machine: Linotype and Machinery, Ltd., London, W.C.

THE death has occurred of Major George Haden Putnam, head of the famous firm of publishers.

PRINTERS' SUPPLY HOUSES

A BUYERS' GUIDE TO EFFICIENT SERVICE

BRONZING MACHINES

LACO-MASCHINEN-FABRIK Paul Tschentscher, Leipzig, W 33 (Germany) supply Bronzing machines with sevenfold dusting

ENVELOPE MACHINES

CARLAW DAVID, & SONS, LTD., 31, Finnieston Street, Glasgow. High Speed Adjustable Envelope making Machines for all sizes and shapes; Blank Cutting Machines; Cutters; Embossing Machines, etc.

FOLDING MACHINES

CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C.4. (Phone Cent. 1165). The "Cleveland" and "Camco" series. A Folder for every need, from Eight Crown down to Demy Folio

OFFSET MACHINES

CRABTREE, R. W. & SONS, LTD., Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C.1. Makers of Offset Machines, Single Colour—Demy Folio to Extra Eight Crown. Two-Colour and Perfecting Double Demy to Extra Eight Crown. Transfer Presses and Graining Machines.

PAPER FEEDERS

CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C.4. (Phone Cent. 1165) (Spiess Patents) AUTO-MATIC FEEDER.

H.T.B. LTD. Blackhorse Lane, Sole Manufacturers and distributors of H.T.B. Full Automatic and Semi-Automatic FEEDERS. Telephone Number Walthamstow 0211.

CCROSS PATENT AUTOMATIC FEEDER. Manufacturers and Sellers: Cross Paper Feeder Co., Ltd., 92, Fleet Street, E.C.4

"ELESS" PILE AUTO-MATIC FEEDER. Sole selling Agents for Great Britain and Colonies, R. W. Crabtree & Sons, Ltd, Water Lane, Leeds.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer British Sales Agent:—A. J. Dronsfield, 25, Lime Street, E.C.3. 'Phone: Monument 4002

PRESS BLANKETS

HOE & CO., LTD., R., 109, Borough Road, London, S.E.1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C.4. 'Phone: Central 3839. "LIGHT'S-EVERWEAR." Press Rubbers. Oil and Ink-Proof and Reversible.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House Worship Street, London, E.C.2. Printers in Russian, Polish, Czecho-Slovakian, German (Gothic) and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTG. METAL MANUFACTURERS

OIDAS METALS CO., LTD., 3, New London Street, E.C.3. Telephone: Royal 7791. Specialists in the Manufacture of Lino, Mono, Stereo and all Type Metal. Specifications absolutely guaranteed. Reasonable Prices.

PRINTING PRESSES, ETC.

CAMCO (MACHINERY) LTD., 63, Farringdon Street, E.C.4. (Phone Cent. 1165). The "Kelly" High Speed two rev. presses.

JOHAN & WM. BURT & SONS, LTD., 156, Caledonian Rd. London, N.1 (Tel: North 3487/8) Sole Agents for "Auto-Phoenix" Two-Revolution, Step Cylinder and Plateau Presses.

London Agents for Ratcliff's "Reliable" Direct Rotary, Rotary Offset and Tin Printing Presses.

ROLLER COVERINGS



MINTON, LOUIS, Trevelyan Buildings, Manchester. LITHO INKERS, DAMPERS, VARNISHING, LETTERPRESS, DIE-STAMPING, NEWSPAPER, ETC.

ROTARY WEB PRESSES

CRABTREE, R. W. & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Telephone: Hop 6604. Telegrams: Expugnat:r Sedist, London Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGH SPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

STEREO AND ELECTRO PLANTS

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Tel.: Hop 6604. Telegrams: Expugnat:r Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

STEREO DRY FLONG

DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. 'Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting.

STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. ROTOPATE (Reg. Trade Mark) and ROTOSHAFER Casting and Finishing Machines.

LIGHT & Co., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. Sole Agents for the "WINKLER" Automatic Moulding Press, Automatic Plate Casting Machine, etc.

TINPLATE DECORATING MACHINES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C.1. Makers of "Rapid" Tinplate Decorating Machines with Semi-Automatic Pile Feeder, Tin Varnishing, Coating and Lacquering Machines.

Commercial Review

Current Share Prices

Allied Newspapers ord. 32s. 9½d., 31s. 10½d., 8p.c. cum. pref. 20s. 9d., 21s., 5½ p.c. 1st deb. 90½; Allied Northern Newspapers 6½ p.c. deb. 98½; Amalgamated Press (10s) 22s. 6d., 22s. 3d., 7 p.c. cum. pref. 19s. 4½d., 19s. 1½d., 5½ p.c. deb. 89½, 90; Anglo-Foreign Newspapers (3s) 1s. 3½d., defd. (1s.) 3½d.; Associated Newspapers 23s., def. (5s) 30s. 3½d., 30s. 7½d., 5 p.c. cum. pref. 18s.; Buff Book 19s. 9d., 20s. defd. (1s.) 7½d., 10½d.; R. W. Crabtree (10s.) 9s. 6d.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 105; John Dickinson 40s. 6d., 5 p.c. 1st cum. pref. stock 87, 4½ p.c. 1st mort. deb. 88; Financial Newspaper Proprietors 16s. 3d., 15s. 9d.; Financial Times ord. 26s. 3d., 7 p.c. cum. pref. 21s. 1½d.; Ilford 47s. 6d., 6 p.c. cum. pref. 20s. 3d.; Illustrated Newspapers 9s. 9d., 9s. 6d., 7 p.c. cum. pref. 14s. 6d., 15s., 6 p.c. mort. deb. 86; Industrial Newspapers 7½ p.c. 1st pref. 9s. 3d.; International Linotype 82½; Kelly's Directories 7½ p.c. cum. pref. 22s. 9d.; Lamson Paragon 20s. 3½d., 5½ p.c. cum. pref. 16s. 3d., 10 p.c. cum. pref. 24s.; Lanston Monotype Corporation 36s.; Linotype A deb. 71, B. deb. 71; George Newnes 5 p.c. cum. pref. 15s. 9d., 15s. 6d., 7 p.c. 2nd cum. pref. (10s.) 8s. 9d.; Odhams Press (4s) 7s. 1½d., 6 p.c. pref. 15s. 4½d., 6½ p.c. deb. 99½; Sunday Pictorial Newspapers 60s., 60s. 7½d., 8 p.c. cum. pref. 23s. 4½d.; Raphael Tuck 20s. 3d., 5½ p.c. cum. pref. (5s) 84s. 6d., 85s.; United Newspapers 7½ p.c. cum. pref. 13s. 9d., 14s. 4½d.; Waterlow and Sons def. 37s., pref. 21s. 3d.; Weldon's pref. ord. (10 p.c. cum.) 13s. 1½d., 6 p.c. cum. pref. 11s. 6d.; Wyman and Sons 6 p.c. cum. pref. 18s. 6d.

Dividends and Reports

R. W. CRABTREE AND SONS, LTD.—Profit, £37,003 (against £35,658). Preference dividend paid; £35,000 to preference dividend equalisation fund; £33,500 to general reserve; forward, £7,002 (against £60,749). (In August last arrears of preference dividend to December 31st, 1928, were cancelled, and rate of dividend was increased from 10 per cent. to 12½ per cent.)

INTERNATIONAL LINOTYPE.—Final dividend of 4½ per cent. is recommended, making, with the interim dividend, 7½ per cent. for the year to March 31st, 1930. This compares with 7 per cent. for the previous year.

JOHN DICKINSON AND Co.—Final dividend 5 per cent. and 2½ per cent. bonus, making 12½ per cent. for year (same).

New Companies

SWAN PRESS, LTD.—Capital £6,020 in 6,000 5 per cent (free of tax) preference shares of £1 each and 400 ordinary shares of 1s. each; printers, lithographers, phot. and chromo-lithographers, etc. Private company. Directors: R. T. Cavenagh, S. Matthewman, W. H. Curtis and W. A. S. Vincent. Registered office: 2, Gatton-road, Tooting, S.W.17.

WALTER AND SCANLON, LTD.—Capital £3,000 in £1 shares (2,900 7 per cent. cumulative preference and 100 ordinary); to acquire from W. Walter the business of a printer formerly carried on by C. Watts as St. Andrews Press at 16, Hatton-wall, E.C., with plant and machinery to be used in connection therewith and the lease of the premises at 50 52, Great Sutton-street, E.C.1, where it is intended to carry on such business. Private company. Directors: W. Walter, F. C. Walter and P. Scanlon. Registered office: 50-52, Great Sutton street, Goswell-road, E.C.1.

LINDSAY AND Co., LTD.—Capital £1,500 in £1 shares; to acquire the business of printers and publishers, now carried

on by A. Sivewright and W. A. W. Sivewright at 17, Blackfriars-street, Edinburgh. Private company. Directors: J. Shand Sivewright, W. A. W. Sivewright and A. Sivewright. Registered office: 17, Blackfriars-street, Edinburgh.

ALBERT STALLAN, LTD.—Capital £1,500 in £1 shares; to acquire the business of a letterpress and general printer and stationer, etc., carried on by A. Stallan at 65, North-street, Old Town, Clapham, S.W. Private company. Directors: A. Stallan, 56, Edencourt-road, Streatham, S.W.16, and Mrs. J. L. Stallan.

DRAWING MATERIALS Co., LTD.—Capital £1,000 in £1 shares; printers, photo-printers, tracers and draughtsmen, dealers in drawing office materials and artists' supplies, etc. Private company. Directors: W. G. Higham and Mrs. Effie Higham. Registered office: 87 89, Edmund-street, Birmingham.

G. W. JAMES, LTD.—Capital £500 in £1 shares (200 7½ per cent. cumulative preference and 300 ordinary); general publishers, printers, publishing and manufacturing agents, stationers, etc. Private company. Directors: G. W. James, 27, Store-street, Bedford-square, W.C.1, and G. Beech.

J. W. MCCARTHY, LTD.—Capital £100 in £1 shares; photographers, photo-lithographers, transfer makers, photographic printers, artists, etc. Private company. Subscribers: E. L. Craig and F. R. Collison. Registered office: 107, Great Eastern street, E.C.2.

PETERMAN AND Co., LTD.—Capital £500 in £1 shares; music publishers, printers, publishers and sellers of operas, books, plays, magazines and newspapers, etc., manufacturers of sound and other films, etc. Private company. Directors: A. F. H. Baldry and J. M. Gartman. Solicitors: Kerly, Sons and Karuth, 10 and 11, Austin Friars, E.C.2.

POLITICAL QUARTERLY PUBLISHING Co., LTD.—Capital £100 in £1 shares; to carry on the business as indicated by the title. Private company. Directors: J. M. Keynes, A. M. Carr Saunders, L. S. Woolf, 52, Tavistock-square, W.C.1, publisher, H. J. Laski, G. L. Dickinson, J. L. Le B. Hammond, B. K. Martin and W. A. Robson.

BUILDING TRADES EXHIBITION, LTD.—Capital £100 in £1 shares; to acquire the business of the Building Trades Exhibition now carried on by H. G. Montgomery, H. C. Montgomery and H. R. G. Montgomery at 43, Essex street, Strand, W.C.; promoters of exhibitions, etc., catalogue and general publishers and printers, newspaper proprietors, advertising agents, etc. Private company. Directors: H. G. Montgomery, H. C. Montgomery and H. R. G. Montgomery. Registered office: 43, Essex-street, Strand, W.C.2.

CHAS. M. HIGGINS AND Co., LTD.—Capital £1,200 in £1 shares; to acquire the branch business of importers and vendors of and dealers in inks, pastes, glues, gums and adhesives carried on by C. M. Higgins and T. Higgins in co-partnership at 16-20, Farringdon avenue, E.C., and to adopt an agreement with Chas. M. Higgins and Co. Incorporated for the purchase of the said branch business. Private company. Directors: T. Higgins, R. L. Loeb and C. W. Brown. Solicitors: Slaughter and May, 18, Austin Friars, E.C.2.

Mortgages and Charges.

H. O. LLOYD AND Co., LTD. (printers, etc., Islington).—Satisfaction to the extent of the balance outstanding on March 12th, 1930, of debentures authorised April 20th, and registered April 26th, 1928, securing £12,000.

H. O. LLOYD AND Co., LTD.—Particulars filed of £6,000 debentures authorised March 12th, 1930, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued.

LEAMINGTON SPA COURIER, LTD.—Mortgage on 30, Abbey-street, and premises in Nuneaton and four cottages adjoining, dated March 5th, 1930, to secure all moneys due or to become due from the company to the Midland Bank, Ltd.

BRITISH VEGETABLE PARCHMENT MILLS, LTD. (incorporated in Scotland).—Debenture charged on land, factory and other buildings at Swanscombe, and the company's undertaking and property, present and future, including uncalled capital, dated March 3rd, 1930, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd.

CYMRIC TIMES, LTD. (Carmarthen).—Mortgage on freehold land and premises No. 108, Lammas street, Carmarthen, with machinery, fixtures, etc., dated February 22nd, 1930, to secure all moneys due or to become due from the company to the Midland Bank, Ltd.

SMITH'S ADVERTISING AGENCY, LTD. (London).—Satisfaction to the extent of £24,000 on February 28th, 1930, of debentures authorised March 28th and registered March 30th, 1927.

E. B. A., LTD. (advertising agents, etc., London).—Particulars filed of £6500 debentures authorised February 20th, 1930, charged on the company's undertaking and assets, including uncalled capital, the amount of the present issue being £1,800.

MATLOCK AND DISTRICT BILLPOSTING CO., LTD.—Satisfaction in full on February 12th, 1930, of charge created December 1st, and registered December 15th, 1921. (According to the "register of mortgages" the charge registered December 15th, 1921, originally secured all moneys, etc., not exceeding £200).

ESSAR, LTD. (wall papers, etc.).—Debenture charged on leasehold properties 136-148 (even numbers), Tooley-street, 37, 39, and 41, Newington-causeway, and 16, Marshalsea-road, S.E., and the company's undertaking and property, present and future, including uncalled capital, dated February 19th, 1930, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd.

Receivers Appointed or Released

EDWARD HUNTER (1929), LTD. (advertising agents, etc. London)—H. G. Howitt, C.A., of 11, Ironmonger-lane E.C., was appointed receiver by Order of Court dated March 7th, 1930.

Company Liquidations

STANDARD BUREAU OF DESIGN AND ADVERTISING, LTD., 12A, Burleigh-street, Strand, W.C.—Under the compulsory liquidation of this company Mr. G. D. Pepys, senior official receiver and liquidator, reports that the winding up order was made on December 13th, 1927, but the statement of affairs was lodged only after police court proceedings had been instituted against Mr. Alexander Clark (secretary and manager), and a fine imposed. The liabilities are returned at £5,993 (unsecured, £5,751); the assets are valued at £242, and the account with contributories discloses a deficiency of £7,376, the issued capital being 1,500 ordinary and 125 preference shares of £1 each. The accounts for the three years preceding the liquidation show a gross profit of £23,437, but a net loss of £680. The assets have been realised, and the senior official receiver hopes to be in a position to pay a dividend to the preferential creditors in the course of the next few weeks. The failure and insolvency of the company is attributed by Clark to the gradual decline in the amount of business the company was able to procure. In the opinion of the official receiver, the failure and insolvency is directly attributable to the gross mismanagement and neglect by Clark in that the working capital provided was totally inadequate to the company's requirements, and further in that the overhead charges which, during the last three years of the company's trading, amounted to approximately £17,000, were excessive and unjustifiable, having regard to the small amount of business being done by the company.

Re PICCADILLY MAGAZINE, LTD.—Under the compulsory liquidation of Piccadilly Magazine, Ltd., the report of Mr. H. P. Naunton, official receiver, has been issued to the creditors and shareholders, together with a summary of the statement of affairs showing the position as at October 25th, 1929, when Mr. H. J. M. Gregory, C.A., was appointed receiver for the debenture holders who claim for £25,008. The total indebtedness of the company is returned at £58,400, and as the assets are valued at only £7,430, there can be no prospect of any fund becoming available for distribution among the unsecured creditors. The account with the contributories discloses a total deficiency of £51,470, the issued capital being £500. The liquidation remains in the hands of the senior official receiver.

Bankruptcies

Re Horatio Wm. Bottomley, journalist, 20, Grosvenor-gardens, S.W. The first meeting of creditors was held on March 22nd at the London Bankruptcy Court, when proofs of debt aggregating £112,048 were tendered, the chief claim being £109,984 by the trustee under a previous bankruptcy in 1922 in respect of the unsatisfied debts of those proceedings. The debtor had lodged a statement of affairs showing liabilities £5,228 (unsecured £4,478) and assets £6,000, consisting of a doubtful debt of £10,000 owing by Phoenix Press, Ltd., and valued by the debtor at £5,000 and an established surplus of £1,000 from securities held by a creditor. Mr. Waterer, deputy official receiver, reported that the debtor had stated that three previous failures were reported against him in 1891, 1911, and 1922 respectively. The first two were annulled on the ground that the debts had been paid in full. Early in 1928 he formed Phoenix Press, Ltd., for the purpose of running a weekly journal styled *John Blunt*. That company was now in liquidation and all contracts were in the hands of the official receiver in Companies Winding Up Division. He had since carried on no other business except to form "J.B. Syndicate" for the acquisition of the copyright and later on for a revival of the publication of *John Blunt*. The debtor attributed his present failure to the collapse of Phoenix Press, Ltd., also to a bad debt in respect of a judgment for £1,500 and costs given against Mr. H. J. Houston in a libel action. Mr. Bottomley said he did not resist the present proceedings for the reason that he was anxious to get adjusted various matters as between his late wife's estate and himself. Creditors must not assume that anything like £100,000 of liabilities would come forward for the 1922 bankruptcy to rank *pari passu* with the present debts. When these matters had been adjusted he hoped to pay, as he had done on previous occasions, all his debts in full, and thus dispose of the two bankruptcies together. Mr. R. W. Fincham, C.A., was elected trustee of the estate.

BENEFITS

A trade organisation is judged by the generosity of the benefits it provides for its members.

THE PRINTERS' PROVIDENT ASSOCIATION provides Unemployment, Superannuation and Funeral Benefits upon terms which are lower than those of any other trade organisation.

The Society is the pioneer in the printing trade of the movement for joint associations of employers and employed.

It is the originator of the scheme for contributory insurance whereby employers assist in providing benefits of a reasonable nature for workers engaged in the craft.

Forms of application for membership and further information with pleasure from the Secretary:—

STANLEY G. C. JACOBS,

21, Charterhouse Street, Holborn Circus, E.C.1.

Telephone: Holborn 0527.

Country News

ABERDEEN

By the death of Mr. Alexander Gordon Cheyne, which has occurred suddenly in Aberdeen, a notable figure on the printing side of newspaper work has passed away. Mr. Cheyne, who was in his seventy-ninth year, retired from the position of machine-room overseer of the *Aberdeen Press and Journal* three years ago. He had been sixty-two years at his craft, forty-one years of which were spent in Aberdeen. Hailing from Edinburgh, he served his apprenticeship in the *Edinburgh Courier* office. His first two years at news-printing was on a flat-bed four-cylinder machine, which required the attention of ten men and lads, and printed at the rate of 4,000 per hour—compared with the 48,000 an hour of the rotary machines of to-day. Mr. Cheyne worked on the first rotary machine introduced into Edinburgh in 1872. He went to Aberdeen to take charge of the "Victory" rotary machine, which was then printing the *Journal*.

BELFAST

MR. ROBERT CONN, whose death has taken place at Belfast, had been for 45 years on the staff of Messrs. W. and G. Baird, printers, and for some years had been overseer of the paper-ruling department. He and Mrs. Conn celebrated their golden wedding last year.

BRISTOL

THE death has occurred, at the age of 73, of Mr. M. V. Brazier, proprietor of one of Bristol's oldest-established printing offices, carried on at 23, Broad Street.

THE *Bristol Evening News*, Bristol's first established evening newspaper, ceases publication on the 27th inst., after an existence of 53 years. The *Evening News* was founded by the late Mr. Peter Stewart MacIver, who also established the *Western Daily Press* and *Bristol Observer*, both of which papers will be carried on as usual.

MR. E. O. TWITCHER presided at a meeting of the South-Western Alliance of Master Printers executive committee, held at West India House, Bristol. The following series of meetings was agreed to: April 29th, Hereford; 30th, Gloucester and Cheltenham; May 1st, in Somerset (probably Taunton); 2nd, Exeter; 3rd, Bideford or Barnstaple; 5th and 6th, Bath and Wilts. An invitation from the Plymouth Association to arrange a week-end conference in Plymouth beginning September 26th, was accepted. The annual meeting of the Alliance was fixed to take place at Bristol on Monday, May 12th.

CARDIFF

AN enterprising effort is being made by a Cardiff printing firm in the interests of print buyers. Starting to-morrow (Friday), an exhibition of brochures, catalogues, folders, etc., is being staged by Messrs. William Lyons, Printers, Ltd. A luncheon is being held in connection with the opening, at which Mrs. B. L. Warde, of the Lanston Monotype Corporation, will speak on "What is good advertising?"

DERBY

MR. WILLIAM HENRY WHITEHALL, who recently completed 50 years' service with Messrs. Bemrose and Sons, Ltd., is a member of a very old Derby family. His father, and his grandfather before him, worked all their lives for Messrs. Bemrose. He has in his possession a gold watch, dated March, 1890, presented by the men of Bemrose's works to his father on the completion of

50 years' service. Now, in his house, reposes an illuminated address, dated March, 1930, to mark his own 50 years of faithful service. He has also received a letter from his employers, expressing their appreciation of his long service record.

MILFORD HAVEN

SOME extraordinary statements were made at the meeting of the Milford Haven Urban District Council last week. It appears that the minutes of the Council are not printed but duplicated from a typewritten stencil, and two or three of the members found that on the back of some of their copies was "set-off" a circular letter sent to various people on behalf of a certain political association, with the agenda. As these stray copies got into the hands of members of the opposite political party there were "fireworks" at the Council meeting. The explanation by the Clerk of the Council revealed that he combined the work of the council with a typewriting agency, and as many as a dozen circulars and leaflets had been done in a week. Whether it is paid for was not stated, but although it was moved that in future this class of work was not to be undertaken by the clerk's office, it was difficult to find a seconder, and in the end it was carried by a majority of one only. Another revelation was that quite a number of the members of the Council asked the office to do their work, but in future it will apparently have to be placed with a printer.

NORWICH

AT a recent special meeting of the Norwich and District Printers' Pensions Auxiliary, the president, Mr. A. F. Read, being in the chair, the report of the secretary (Mr. J. Sharwell) showed that membership had continued to grow, and a sum of £39 had already been received from various sources towards No. 1 Pension. After some discussion the following members were elected as a representative committee with a view to increasing the scope of the pension fund: Mr. B. J. Kerry, Mr. H. Taylor and Mr. E. Pond (Norfolk News Co.), Mr. J. Clapham (Messrs. Jarrolds), Mr. W. Tyler (Messrs. Roberts and Co.), and Mr. B. J. Philo.

PONTYPRIDD

ON the occasion of the last meeting of the session, on Monday last, of the Printing Class in Pontypridd, the students were asked to join the employers of the district at the Hopkin Morgan Restaurant. A big gathering was the result, and a delightful and instructive evening was spent. The meeting discussed the arrangements of present session, times of meeting and period between the classes, and a number of practical suggestions were made for the improvement of the arrangements. These will be passed on to the County Education Authority, who have already promised to support the class next year as the attendance this session has fully justified its existence. After the discussion, Mr. A. E. Baker, secretary of the South Wales Alliance of Master Printers, gave an address on the objects and advantages of a cost-finding system to any manufacturing business, illustrating the results that had been attained by the use of costing in several industries. He pointed out its special use to printers, interest being added to the address by the forms which were passed round and the charts displayed.

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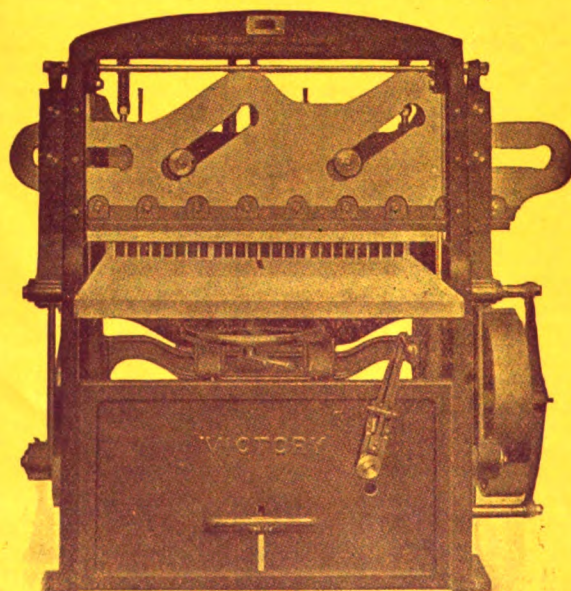
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FOUNDED 1878 — PUBLISHED WEEKLY

VOLUME 106
NEW SERIES No. 75

LONDON: APRIL 3, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

ESTIMATING has always been, and presumably always will be, a vexed question in the printing office. If it is a vexed question to begin with, it can often prove to be an aggravation beyond measure when final costs are set beside what we might term prior assessments. It would not be so bad, in these days of cut-into-the-bone competition, if costs in the work kept within the limits of the estimate. It is typical of cut-price estimating that every job is expected to meet fair weather and enjoy a smooth unhampered passage through the works. In practice, of course, there is always the unexpected—something not reckoned with, or circumstances which could not be anticipated. In his experience the printer knows full well that a skin-tight estimate will burst somewhere, but he is afraid to allow his experience to guide him for fear he loses the order he is after. And, it is perfectly certain that he would lose a great many orders if his estimates included provision for the usual interference with plan.

* * *

THERE are two leakages in estimating according to the foregoing. First, there is the tendency of managers to cut times and margins so fine that the slightest obstacle might make the job unprofitable. Then there is the inevitable works tendency to take longer times on the job than the price will stand. There might, indeed, be a third leakage, consisting in inefficiency on the part of the estimating clerk. This third defect in the system is the simplest to repair, though by no means so simple as it may appear. Good estimat-

ing clerks are not waiting about to be picked up. Nor do we esteem over-much the freshly technically-trained costing and estimating student, however flush with academic honours he may be. Rather would we have this same type after he has had hard experience and personal responsibility of sufficient extent to make him a schemer: the sort of estimator who sorts out inquiries by that acquired sense which enables him to detect probables, possibles and time-wasters. Such an executive sets about his estimate with the definite object of getting an order.

* * *

It occurs to us to ask here whether printers as a rule really do employ estimating clerks. From what we gather, the majority of estimates are more or less

assembled from time data given by the various departmental overseers, who in turn keep a record of the figures they give and then either keep within limits by questionable methods of time-recording or else stand the racket of excessive times and the consequences thereof. That there are comparatively few offices where time-dockets are not "jockeyed" is quite true, however difficult it may be to prove. And, we believe, there is a greater tendency to manipulate times, when the necessity of adhering to estimated hours is more vigorously stressed. This by the way, however, for we are digressing from our point *re* the estimating clerk. The case we want to make out here is that the real estimating clerk should carry out the job of estimat-

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ing from A to Z. That is the consistent, dependable and impersonal way of producing cost assessments. Reference and collaboration with works management most certainly; discussion on ways and means where desirable; and all the rest of what is merely common-sense and team work—but if as an estimating clerk he does not compute times and costs, he is not so much an estimator as a clerk.

* * *

HARKING back to the main leakages—the remedy for skin-tight estimates is a more prosperous condition of affairs generally. At any rate, until there is a little more work to go round, the dog-fight will continue. Meantime, preach, lecture, vilify and educate for all we are worth. Push on with costing, and endeavour to infuse a little more practical loyalty into ordinary dealings one against another. There is not a great deal else we can do, realising as we all do that the fundamental cause of reckless competing is the present state of trade.

* * *

THE other leakage is neither more nor less than inadequate production, and as a subject this demands volumes. Space and time, at our disposal are for this moment nearing their limit; so, rather than deal cursorily with a matter in which our views extend to some depth, we break off for an early return.

Odhams Press

Record Profits

At the annual meeting of Odhams Press, Ltd., held in London on Thursday, Mr. W. J. B. Odhams (the chairman) pointed out that the net profit for the year, the record figure of £203,653, compared with £176,783 for 1928, £151,753 for 1927 and £116,872 for 1926. They were able to recommend a dividend of 17½ per cent. upon their ordinary shares.

NEW "DAILY HERALD"

An interesting point he mentioned was that for the second time in newspaper history, the voracious appetite of a printing machine had led to the success of a journal—and both times a *Herald*. Some 80 or 90 years ago a composing machine was invented, and to feed it with work the *Family Herald* was established, and it proved for fifty years or more an outstanding success among home journals. With this he paralleled the case of the new *Daily Herald*. The success of the *People*, he said, had brought its own problems. The rapidly increasing circulation had demanded the continued installation of new and very expensive plant. The problem then had been to fill the machines on more than one day in seven which was the only period during which many of them were working. The one solution was the printing of a daily paper, either morning or evening. It was this that led to the negotiations which resulted in the firm taking over the printing of the *Daily Herald*.

Mr. Odhams added that, in respect of the new *Daily Herald*, the results achieved to date, measured by the number of new readers, had exceeded their most sanguine expectations; its future prospects were undoubtedly bright.

STOKE may set up a municipal printing and book-binding department.

Personalia

PRINCE GEORGE suggested the slogan "Advertise more and advertise to the purpose," when he spoke at the annual banquet of the National Advertising Benevolent Society in London on Friday.

COUNCILLOR W. WESSON, Lord Mayor of Nottingham, who was formerly a member of the Typographical Association, has invited the members of the Nottingham branch of the Joint Industrial Council to dine with him at the Council House on Thursday, April 10th. The chairman of the J.I.C., Mr. E. H. Lee, and Messrs. A. E. Goodwin and A. E. Holmes (joint secretaries) will be present on the occasion.

LIEUT.-COL. E. F. LAWSON, presiding at the annual dinner of the London Newspapers' Golf Society, held at Anderton's Hotel on Saturday night, declared his intention of offering a cup for competition between teams of four, selected from each newspaper office.

MR. J. BLACK was entertained by the electro and stereo staff of Messrs. Spottiswoode, Ballantyne and Co., Ltd., at a supper and concert at the Red Lion Hotel on Monday, on the occasion of his leaving the firm after 28 years of service.

MR. R. W. COURT, the chairman, expressed the regret of the staff on losing not only a splendid overseer but a man, and conveyed the staff's best wishes for Mr. Black's future success.

MR. ISAAC BROADHURST, of Macclesfield, owing to ill-health, has retired from the printing house of Messrs. Hovis, Ltd., in which he was overseer of the composing department.

MR. BROADHURST, who is the oldest member of the Macclesfield branch of the Typographical Association, has been honoured at a dinner by his colleagues who have presented him with a handsome wireless set.

MR. E. A. MULLINS, a member of the committee of the Lithographers' Auxiliary to the Printers' Pension Corporation, has accepted an appointment as London traveller to Messrs. Slater and Palmer, Ltd., the well-known printing ink manufacturers.

COUNCILLOR W. L. DOWLING, of J. Dowling and Sons, Ltd., printers, of Newcastle and Whitley Bay, has again been returned unopposed to a seat on Whitley and Monkseaton U.D. Council, of which he is the "Father."

MR. C. W. HOWITT, of the Guernsey Press Co., Ltd., has been re-elected, for the twentieth time, hon. secretary of the local Chamber of Commerce.

MR. T. BROWN, of Messrs. J. Dickinson and Co., Ltd., gave an illustrated lecture on papermaking at St. Kellian's Hall, Exeter, last week, under the auspices of the Exeter Joint Industrial Council of the Printing and Allied Trades.

MR. HARRY FARR, City Librarian of Cardiff, lectured last week on "Early Welsh Writers and Printing" at the Welsh Book Festival at the City Hall, Cardiff.

A NEW Glasgow local paper, the *Western Leader*, will be published by the Eastern Standard Company on May 3rd. Mr. John Wheatley, M.P., is the managing director of the firm.

FORWARD

A BIG STORY BRIEFLY TOLD

Every Linotype Technical School is crowded with students — *the compositor knows which way the tide is flowing.*

Every facility at the Linotype Works is being used to speed up deliveries — *the discerning printer prefers Linotypes.*

LINOTYPE AND MACHINERY LTD
LONDON

What is New in Printing

By R. B. FISHENDEN, M.Sc.Tech., F.R.P.S.*

The advertiser's desire for something new is an excellent stimulus to the printing and illustrating industries, but before describing a few interesting modern ideas reference might be made to the way existing processes are used. Advertising is a highly specialised profession; every agency employs skilled typographers to give the utmost value to the design of any printed announcement, but it is far less common to find in an agency specialists in printing and illustration processes. The planning of the details of a brochure, apart from the typography, is a subject requiring expert knowledge, and the treatment of illustrations deserves much closer study than it usually receives.

Existing illustrating and printing processes can be utilised in a variety of ways to secure original effects, yet one frequently sees illustration work prepared for agencies that is merely commonplace. Line and half-tone blocks and even colour blocks are ordered merely as a matter of routine, and more satisfactory results would be obtained if matters of this kind were referred to one who had made the subject a special study, although it may mean spending more time in arranging details and even giving the block-maker and printer a longer period to mix a little thought with his work. There is, for instance, the possibility of adding stipple or medium tints to a line illustration, or the addition of flat colour blocks to a straightforward pen reproduction.

RUBBER STEREOS AND LINO CUTS

Rubber stereotypes are finding increased favour in letterpress printing. It seems a little strange that it should have taken so long to appreciate the obvious advantages of printing letterpress from a rubber surface. Rubber stereotypes have been used for many years in rotary bag printing, and the technique of their manufacture has recently been given closer study; it is now possible to make a set of rubber stereotypes for line work that will register accurately in colour printing and have mechanical perfection almost equal to metal duplicates. The advantages are obvious, in that printing can be done with a small amount of pressure on rough paper, and, if a suitable ink is used, an impression of a reasonably high standard is obtained. Every kind of printing surface gives a fairly well-defined quality to the print, and a rubber stereo used for printing on rough paper, provides a result that is distinctly pleasing in its texture.

Lino cuts have been used with considerable success. A surface of lino provides a slightly resilient material, it can scarcely be compared with rubber, but it is used with great advantage in producing flat tints and in poster printing. For solid covers it is found to give an economy in the amount of ink compared with printing from metal blocks.

COLOUR PRINTING AND WATER INKS

In colour printing the need for strong, pure, saturated colour is often felt; and the colour chemist has enabled the ink-maker very largely to satisfy demands in this direction. It is recognised that oil-colour ink cannot give the great luminosity of a water-colour drawing treated in body colour. To meet this disability of oil inks, the process of printing with water-colour inks has

been recently revived with marked success. Water colours have been used for generations in wall-paper printing, and the present revival for ordinary printed work is due to America, where the Jean Berté process has been widely exploited. The water-colour method is best used in conjunction with other media: for example, the key line block printed in oil ink with colours added in water ink.

An English house has quite recently introduced "Pastello" inks. As the name implies, these inks have a pastel-like quality, and the prints are in every way permanent when the ink is dry. The colours have not quite the brilliance of water inks, but the advantage of not being water-soluble is greatly in their favour, and the examples are commendable in every way.

A passing reference must be made to standard British three-colour inks. The conditions which prevailed when every photo-engraver was a law unto himself, when any fresh set of blocks might be proved with a modified set of three-colour inks to give a more satisfactory result, were indeed chaotic. Until a change was made it was quite impossible to put three-colour printing on a proper commercial basis, and now the standard has been established the best thing that could possibly happen would be to destroy all old three-colour blocks, in order that the difficulties of the past might be quickly forgotten.

One of the greatest disabilities of half-tone letterpress illustrations is that in the past they required to be printed on coated paper, which is unpleasant to handle, and has many other drawbacks. Great success has attended the recent introduction of specially deep-etched blocks with a slightly coarser screen and suitable overlays, used with a high grade ink. These produce excellent results from suitable originals both in monochrome and colour, on paper of the cartridge type. Special skill is required in printing.

Electric etching, a comparatively recent innovation, has made it possible to increase the depth and sharpness of half-tone blocks.

PLANOGRAPHIC PRINTING

Planographic or lithographic processes have developed in a remarkable way in recent years. Offset printing is increasingly used commercially, in advertising, and even in reprints of books, all on purely economic grounds. It is, however, in the wide range of papers usable that offset shows its value, particularly in connection with half-tone and colour illustrations. The standard of half-tone in offset is, however, by no means so high as in letterpress; the reason being that while it is easy to produce a brilliant half-tone result in photo-offset, the control of the tone values, such as is secured by fine etching in block-making, presents some difficulty, and it is only recently that attention has been given to this important matter. Methods are now in use which permit of an operation equivalent to fine etching.

The chief drawback to offset is the greyness and lack of vigour in the impressions. This is sometimes said to be inherent in the process, because a large volume of ink cannot be transferred from the rubber blanket to paper. Although expert printers produce vigorous offset results, it must be admitted that the general commercial standard has tended towards grey solids rather than black.

*Extracts from a paper read last week before a meeting arranged by the Publicity Club of London in conjunction with the Publicity and Selling Committee of the Federation of Master Printers.

With your "Monotype" comes
SERVICE of more
than one kind:

Mechanical, installation and training *service* from men who know how to make your plant more productive . . .

Matrix-hiring *service* to cut to a minimum the cost of new, attractive display types . . .

Publicity *service*—expert advice, free, on your campaigns; copy and ideas for increasing sales; a national campaign to the Buyer of Printing, explaining *why* the "Monotype" Printer does better, quicker, more effective work . . . and now, so that you may capitalize the unrivalled prestige of the "Monotype," a free service of blocks illustrating the machine (details in the current RECORDER)

THE
LANSTON MONOTYPE CORPORATION
LIMITED

43 FETTER LANE, LONDON, E.C.4

Recently a new idea has been introduced which promises to have a far-reaching effect on further development of planographic printing. Until recently the standard practice has been to print from an ink image supported on a grained metal plate; this is likely to become damaged and the outlines thickened or thinned by any slight mistake on the part of the printer. The innovation consists in etching the image sufficiently into the metal plate to remove the grain. Such a surface is described as an offsetdeep plate and is found to be more durable, less liable to damage and in every way preferable to those made in the old way. This new method allows the image to support a greater volume of ink and to transfer more of it to the rubber blanket: the prints from offsetdeep plates are, therefore, much richer, and variations likely to occur formerly, are almost entirely eliminated. In simple type and line work, in half-tone and particularly in colour, offsetdeep methods are likely to become increasingly important. The plates are more expensive to produce than those made by the existing methods, but the cost of machining is reduced.

Among the recent curiosities is a method of dye printing worked out in America, which consists of printing in dye from a negative gelatine relief such as would exist in a collotype plate prepared from a positive instead of a negative. The gelatine is stained with the dye and when the paper is placed in contact the dye is transferred giving prints of surprising richness and delicacy, with, of course, an entire absence of grain. The idea has no immediate commercial application except in the production of a very limited number of prints, although it is suggested that the speed for taking impressions may be considerably increased.

From a purely technical standpoint rotary Pantone is still of considerable significance. A web machine has been constructed which prints upwards of 20,000 impressions per hour, giving results that cannot be obtained by other means. We must, however, wait for more satisfactory commercial progress before the value of this technical achievement can be appraised.

Every printing process and each new method introduced has its application, but the really affective use of any method or combination of methods in advertising depends on many factors. Good technique is, of course, essential, but knowledge on the part of those who are directing a scheme, the right kind of drawing for a particular process, the most suitable paper and the right selection of ink, will finally determine whether the ultimate result makes a successful appeal.

[Through the co-operation of the following firms, a large number of very fine specimens were on view, demonstrating that British technicians are well to the fore:—Coates Bros. and Co., Ltd., Fosh and Cross, Ltd., Knighton and Cutts, Langley and Sons, Ltd., Lorilleux and Bolton, Ltd., Paramat, Ltd., Phototype, Ltd., Pictorial Machinery, Ltd., Shuck Maclean and Co., Ltd., Soldans, Ltd., Sun Engraving Co., Ltd., Suttley and Silverlock, Ltd., John Swain and Son, Ltd., Wallace and Tiernan, Ltd. (agents for Jean Berté process), B. Winstone and Sons, Ltd.]

(From next Column)

Mr. J. R. Riddell, proposing the toast of "The Chairman," referred to Mr. Jones' unique gift of craftsmanship—a gift which had not only made him president of the L.S.C. Jobbing Guild, but had justly earned him a world-wide reputation as a printer.

During the evening the L.S.C. Orchestra contributed classic and popular items, and items were also rendered by a number of well-known artistes. The evening terminated with the singing of "Auld Lang Syne."

L.S.C. Jobbing Guild

Coming-of-Age Dinner

The London Society of Compositors Jobbing Guild has officially attained its majority this year, and on Saturday last its members celebrated the event by a Coming-of-Age dinner. Opportunity was also taken to make presentations to the hon. secretary, Mr. H. B. Naylor, and Mrs. Naylor, during the evening. Mr. George W. Jones, president of the Guild, occupied the chair, supported by many well-known printing trade personalities.

The fact that the event was unique not only in the history of the Guild but in that of the printing trade itself, was mentioned by the Rt. Hon. C. W. Bowerman, P.C., M.P., in proposing the toast of "The L.S.C. Jobbing Guild." Great work was being accomplished by the Guild, he said, and if those who held aloof would only attend some of the gatherings in the L.S.C. Board Room they would have no hesitation in joining. Referring to the Guild's president, Mr. Bowerman said he knew of no other man in this country or in any other who had such a remarkable record as Mr. Geo. W. Jones.

Responding, Mr. Ernest Pheby (of the Guild committee) concisely outlined the work of the Guild since its inception in 1909. He mentioned that since those days they had held over 200 monthly meetings, and even during the war they had never missed a meeting. They held lectures, competitions and educational visits, and in every way lived up to that object set forth in their constitution: "To make the man a better printer, and the printer a better man."

A PRESENTATION

A very pleasing ceremony followed, when Mr. Geo. W. Jones, on behalf of the Guild, presented Mr. Naylor with a handsome oak cabinet gramophone stocked with records, and also handed Mrs. Naylor a gold wristlet watch. Of all those who had served the Guild, said Mr. Jones, none had served it more faithfully or more consistently than Mr. Naylor. He was proud to ask Mr. Naylor to accept this gift as an expression of the heartfelt thanks and goodwill of the Guild's members.

Mr. Naylor, in expressing thanks, paid tribute to the co-operation of his colleagues, including some of the early workers for the Guild, such as Mr. Strong, Mr. Littlejohn and Mr. Atherton. Mentioning the high level of craftsmanship in the Guild, he drew attention to the evening's programme—a very tasteful piece of work set in Linotype Estienne Old Face, with border designs by Geoffroy Tory recut from a Book of Hours, printed by Simon Colines in Paris in 1543, in possession of Mr. Geo. W. Jones.

The toast of "The Guests" was proposed in an entertaining speech by Mr. T. E. Naylor, J.P., M.P. He referred to the distinguished guests present that evening, mentioning by name Messrs. George Eaton Hart, W. M. Bower, R. B. Fishenden, J. Emlyn Jones, A. E. Owen-Jones, Atherton, A. Langley, J. R. Riddell, G. W. Tucker, Frank Colebrook, Bertram Evans, A. G. Wells and others, concluding by coupling with the toast the name of Mr. William Whyte (secretary, London Master Printers Association).

Mr. William Whyte responded in a humorous speech. In congratulating Mr. H. B. Naylor on his work for the Guild, he said that it was a most excellent institution, endeavouring to carry on the traditions of the old Printing Trades Institute.

(Concluded in preceding Column)

**YOU
MUST
KNOW**

FACTS

REGARDING THE

**"STANDARD"
WHARFEDALES**

THE CYLINDER CATCH MECHANISM

A New Patent "Silent" Cylinder Catch Mechanism in which the pawl abutment is forged in a solid ring and firmly secured to the cylinder itself; the abutment is hardened after being machined, whilst the pawl in the loose cylinder wheel is forged solid with the control bowl pin and hardened after machining, thus securing the necessary strength and rigidity to withstand the heavier duties of increased speeds and giving longer life.

|| THE INKING ARRANGEMENTS WILL BE ||
|| DEALT WITH IN OUR NEXT ADVERTISEMENT ||

BRITISH MADE BY

DAWSON, PAYNE & ELLIOTT LTD.
OTLEY AND GLASGOW

See the NEW STANDARD at

DAWSON, PAYNE & LOCKETT LTD., 8 DEAN STREET, FETTER LANE, LONDON, E.C.4

Binders' Overseers' Association Dinner and Dance

From every point of view, the twenty-sixth annual dinner and dance of the Printing, Bookbinding and Kindred Trades Overseers Association, held on Saturday in the King's Hall, Holborn Restaurant, beat all records of past years. Mr. J. A. Esler (president) presided over a gathering of close upon four hundred and fifty ladies and gentlemen, who appeared to enjoy every minute of the evening's proceedings. Whilst there were a few brief speeches at the close of the dinner, these were placed in a subordinate position, the intention of the officers of the Association being to allow the maximum amount of time for the exercise of friendly intercourse.

Generosity and the absence of restraint were delightful features of a very fine evening. To each lady was presented a pair of colour candles in bookcloth, as well as chocolates, whilst the ornate menu programme was happily conceived, not only to answer the primary purpose, but also to serve ultimately as a fan. The company included a good muster of the members, besides several representatives of kindred overseers' associations.

An excellent programme of music was rendered by Haydon Pearsall's Orchestra during the dinner and the subsequent dancing, whilst immediately following the dinner some capital vocal solos and duets were given by Miss Dorothy Gadsden and Mr. Richard Harris. Probably the most fascinating of the post-prandial proceedings was a cabaret by Mr. Gordon Marsh and the Marshmallow Girls, whose exhibition of dancing, original and humorous interludes, variety sketches and what not, provided a most pleasing entertainment.

Amongst those supporting the chairman were:—Messrs. Maurice Hunt (vice-president), J. Fleming, A. J. Daines, J. Walker, A. E. Walters, A. T. Walters, and E. W. Whittle (president and secretary of the P.M. and O.A.), J. Black (vice-president, Electrotypers and Stercotypers Managers and Overseers Association), W. Alleston, Harry Budd, R. Bryan (general secretary), W. F. Cribb (financial secretary), J. A. Goldbourne, G. J. Hellery, Arthur Cox, T. Hunt, B. J. Sansom, Harry Young, A. M. Taylor and A. C. Ware.

At the conclusion of dinner the chairman decorated Mr. A. E. Walters with a past president's badge, and Mr. Maurice Hunt with the vice-president's badge.

THE TOASTS

Mr. J. A. Esler, in proposing the toast of "The Association," set an example in brevity to subsequent speakers. He could tell, he said, of some wonderful achievements of the Association during the last twenty-five years. However, judging from the large number of charming people he saw around him the Association required no justification from him. His call for a hearty reception of the toast was very cordially reciprocated.

Mr. Harry Young, who was no less brief, submitted "The Visitors, Especially the Ladies," remarking on the pleasure felt by the members at seeing so many guests.

Mr. Arthur Fleetwood, who responded, said he was glad to have that opportunity of stating publicly what he thought of the Association. That evening they had been overwhelmed by the kindness and comradeship shown by their hosts.

Mr. Fleming, who proposed "The President and Vice-President," spoke first of the many directions in which the chairman had placed his valuable services at the disposal of the Association. He then referred

to the vice-president as the youngest man to hold that office in their organisation. The speaker alluded appreciatively to the vice-president's father, Mr. Tom Hunt, who had recently retired from business, and who was one of the founders of the Association.

The toast having been very cordially drunk, suitable replies were made by Mr. Esler and Mr. Hunt.

During the progress of the dancing a very hearty vote of thanks was passed to the stewards, Messrs. J. A. Goldbourne, W. H. Lyon and Arthur Cox, the last-mentioned returning thanks.

What is Good Advertising?

Address by Mrs. B. L. Warde

Mrs. B. L. Warde, advertising manager, the Lanston Monotype Corporation, Ltd., rendered signal service to the printing trade of Cardiff and South Wales, when on Friday last she addressed a large gathering of business men and buyers of printing, at the Park Hotel, Cardiff.

The occasion was a luncheon over which Mr. Frank Murrell presided, and there were over sixty guests present, headed by the Lord Mayor of Cardiff. Messrs. William Lewis (Printers), Ltd., of Penarth Road, Cardiff, had organised an exhibition of advertising drawings and printing, showing a very large number of fine specimens, and invitations had been sent round to all buyers of print and possible users, the luncheon being the culminating function.

Mrs. Warde was in her usually cheery mood, and dealt with the subject: "What Is Good Advertising?" in a light but very convincing way, opening by saying that she used the word "good" in the sense that we say that printed money, or a promise, is "good" for something—i.e., would bring results at once.

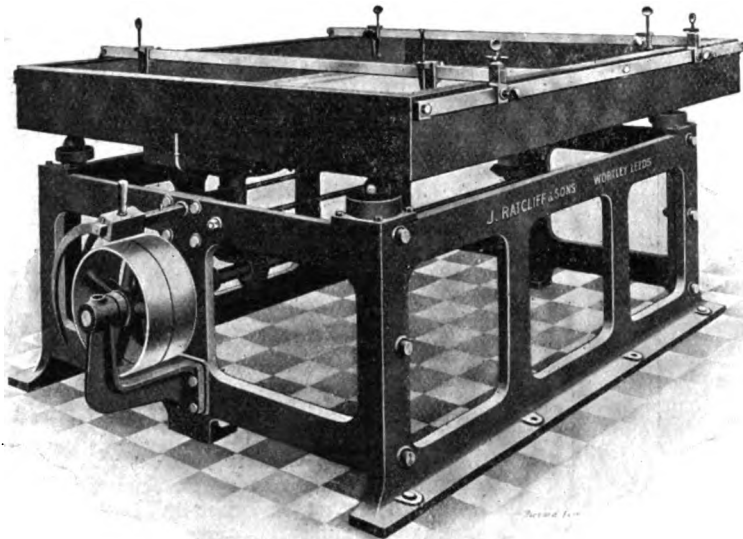
Saying there was no such thing as free advertising, the speaker said that all advertising cost money, and that advertising was probably the most highly speculative investment in the world. A good speculative stock might yield from 8 to 50 per cent.; an advertisement could not be considered good until it had yielded 100 per cent.—that is, it must pay for itself.

Mrs. Warde proceeded to speak on methods of advertising. Posters, she said, reached everyone, but were of no use for "keying" results, nor for studied arguments. With reference to newspaper advertising, the speaker said that the better the prestige the better the chance of the advertiser finding new customers. From a woman's point of view, though, there was one certain avenue that every manufacturer and salesman could explore with the fullest satisfaction—her personal letters. The speaker said that women have a prejudice against the typewritten circular, or even letter; to be of value these must be short, and it was of no use trying to fool her with an imitation letter. Woman, however, had a keen eye for smart typography, illustrated with pictures.

A number of illustrated lists and folders were shown to demonstrate points in the address, and as a last word to those buyers of print present, Mrs. Warde said that in direct-mail advertising they would get what they paid for: if they shaved pennies off the bill of the printer, they might be shaving pounds off the results—their business prestige would surely suffer if the printer was not given his chance to do his part in their scheme of advertising. The printer who worked the Federation Costing System was a scientific business man and not a cheap-jack, and would give full value to the buyer of print for every penny that appeared on his bill.

Plate Graining Machines

For Cleaning and Graining Aluminium or other Metal Plates.



Made in the following sizes :

(Inside Box Measurements)

DOUBLE CROWN	42 × 30
DOUBLE DEMY	46 × 34
QUAD CROWN	50 × 40
QUAD DEMY	54 × 44
64 × 44	69 × 53

HUNDREDS SOLD

**Box now made so that marbles can be
quickly cleared**

ASK FOR PRICES FROM THE PIONEERS IN THIS COUNTRY

JOHN RATCLIFF & SON, LTD.

Junction Foundry, Wortley, LEEDS, England

PERKINS BACON & CO., LTD.

14, SOUTHWARK BRIDGE ROAD, LONDON, S.E.1

Security Printing—Stock and Special Tints in Fugitive Inks
— Lithographers — Steel Plate Engravers and Printers

CHEQUE TINTS—STAMPS, LABELS, LETTERHEADS

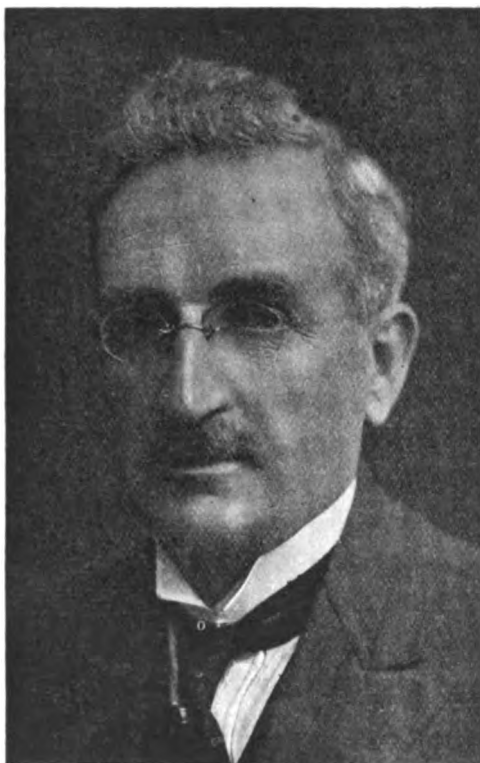
Telephone : Hop 1472

Telegrams : Perkaline, London

Who's Who

A PROMINENT ELECTROTYPYPER

Mr. J. Black, after twenty-eight years' service as foundry manager to Messrs. Spottiswoode, Ballantyne and Co., Ltd., is severing his connection with that famous printing establishment to take up an appointment as works manager of the electrotyping and stereotyping department of Messrs. Knighton and Cutts, Ltd. (The Expert Engraving Co., Ltd.). The execution of electrotyping and stereotyping is a new departure on the part of this latter firm, and up-to-date plant and



MR. J. BLACK

machinery have been installed to cope with the considerably increased work which Messrs. Knighton and Cutts anticipate in the near future.

Mr. Black was not allowed to leave his old firm without receiving expressions of the appreciation and esteem in which he was held. Last week his own foundry staff presented him with a handsome mahogany clock (with Whittington and Westminster chimes), the presentation being made by Mr. W. Williams (father of the foundry chapel), whilst this was followed a few days later by a gift of a wireless cabinet accompanied by an autograph album containing the signatures of the subscribers. This latter presentation was made by Mr. J. H. Fisher (the general manager) on behalf of the managers and overseers, including representatives of the firm's Eton and Colchester branches. Mr. Fisher, in making the presentation, spoke of the esteem in which Mr. Black was held, and wished him all possible success in his new undertaking.

Mr. Black is the much-respected vice-president of the Electrotypers' and Stereotypers' Managers and Over-

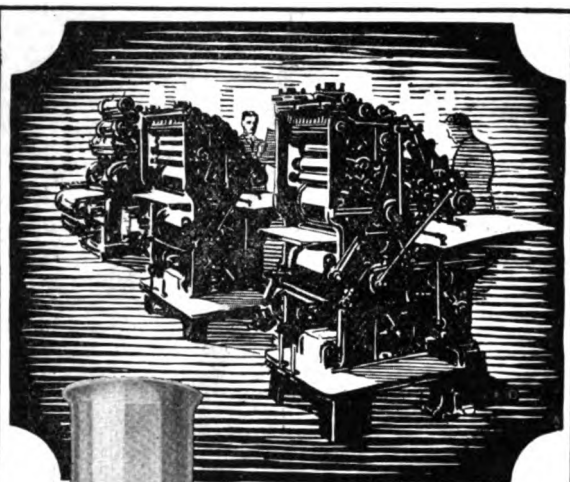
seers Association, and has gained for himself much admiration amongst his colleagues in the industry. He served his apprenticeship in electrotyping and stereotyping at the Glasgow University Press, and, after being employed here for some time after serving his apprenticeship, transferred his services as overseer to the foundry of the *Perthshire Advertiser*, a position he held for four and a half years. His next move was to Messrs. Spottiswoode, Ballantyne and Co., Ltd. (then Spottiswoode and Co.), taking charge of the foundry of this well-known London establishment. At that time only stereotyping was done at this house, and it was here that Mr. Black was instrumental, in 1904, in introducing an up-to-date electrotyping plant. Mr. Black was responsible for installing some of the largest electrotyping and stereotyping plants on the Continent, amongst which may be mentioned that of the works of Edouard Creté, Corbiel, near Paris, the plant at the offices of *Corriere della Serra*, Milan, and that of Danel, at Lille and for M. Radiguer et Cie, the well-known Paris printers' supply house. Mr. Black has always taken a keen interest in technical education, and was for two years an adjudicator of the work of the electrotyping and stereotyping students at the London School of Printing. He was also for two years a member of the advisory council of the School, and was never afraid of expressing his opinions, however they might conflict with other people's views. Amongst his hobbies may be mentioned the training of good electrotypers, with regard to which he never fails to remind all and sundry of the need for them in the trade. Amongst his other hobbies are motoring and pigeon racing, the latter recreation having brought him many awards and trophies. Though a Scotsman, he has represented England in an international small-bore shooting competition. Mr. Black takes a great interest in Freemasonry, and is a Past Master of the Lodge of Finsbury, being at the present time H in Finsbury Chapter.

Water Inks v. Oil Inks

In order to compare the results obtainable from their "Aquatone" water-inks with those of oil inks, Messrs. Coates Bros. have prepared a series of specimens which give a striking indication of the possibilities of these water-colour inks.

One of the chief features of "Aquatone" inks is their great opacity and covering power. Giving bright and clean results, they possess very delicate soft tones, and leave a beautiful matt effect on all papers. Examination proves that "Aquatone" inks do not skin in the tin or on the machine, and another point likely to find favour in the eyes of printers is that no odour arises from them whatsoever. These inks print blocks of finest screen, and are therefore suitable for half-tone and three-colour work. These advantages, demonstrated in Messrs. Coates's specimens, indicate the wide range of work to which "Aquatone" inks are applicable.

PRINTING and typesetting machinery imported into France in the nine months ended September (in 100 kilos.) amounted to 51,128, figures compared with the 29,148 and 17,802 recorded in the corresponding period of the two preceeding years.



The Quality Varnish

The crystal transparency of Genolin is eloquent testimony to its perfect purity. Not a speck or tinge of foreign matter mars its clarity because Genolin—the quality varnish—is made from Genuine Calcutta Linseed Oil, tested in the Crude, matured for years and refined before boiling. With Genolin etching and biting is entirely obviated—its acid content is less than 2%.

The printer who uses Genolin never dreams of reverting to “cheap and nasty” varnishes and dopes—he knows that he can rely upon Genolin to give him the perfect results that his success as a craftsman depends upon.

Genolin

Regd.

The
QUALITY
VARNISH
for
PRINTERS

ADVERTISEMENT OF COATES BROTHERS & CO., LTD.,
St. Brides House, Salisbury Square, Fleet Street, London, E.C.4.



Fine Double-Tone Inks

Show two distinct tones in the one printing. Printers obtain this two-colour effect with but very slight increase to the cost when quoting for catalogue work. S. & P. double-tone inks are clean-working and quick-drying.

The paper plays an important part, always remember to proof-up on the same finish as for the finished work.

Ask for Samples of our Double-Tone
Sepia No. 34 Price 5/6 per lb.

SLATER & PALMER, LTD.

4, WINE OFFICE COURT, FLEET ST.,
LONDON E.C.4

Telephone —
Cen. 0211.

Telegrams —
Palmink, Fleet, London.

Photo-Lithography

PAPER NEGATIVES AND LAMPS

By CHARLES HARRAP

Photographic work has undergone so much practical progress since 1924 that it requires reviewing upon its altered basis. In "Thorpe's Dictionary of Chemistry," the volume published in 1924 described the discovery that by passing light through a yellow filter adjacent to a properly sensitised negative plate—glass or film—such light would go through without affecting the sensitised coating, but when the light was reflected back ("reflex" method) from a drawing or print upon "white" paper this reflected light would impinge or act upon the sensitive coating and produce a negative. This is the basis of reflex photography, which has made it possible to produce suitable negatives from copies which have printed or drawn matter on both sides of the paper.

This fact was brought into actual practice by the demonstrations given by the Typary and Typon Company at the printing trades exhibition in London in 1925.

It is difficult to assess the full value of that early demonstration of the use of paper and film negatives and the reflex method. It may be said that most of the present-day methods owe very much to those demonstrations. This use of paper and film negatives for printing purposes should not be confused with the much earlier use of films in the well-known Kodak film cameras. Probably in a few isolated cases such films may have been used for printing-down on printing plates. But this practical, easy and convenient method by Typary and Typon wrought wholesale changes and brought about a new departure from the glass negative practice.

In this connection it may be remembered that in 1909-10-11 there was the Paynetype method, in which negatives were not necessary at all, as the subject was photographed direct on the sensitised zinc or aluminium plate. It could be enlarged or reduced at will. The negative thus produced on the plate was used as the resist, and the positive picture was developed and suitably charged with a greasy ink. It almost appears that this embryo method allied to present-day photographic multiple-image machines could be made a successful commercial proposition. It paves the way for making photo-intaglio zinc plates for offset printing. In the hands of experienced craftsmen, and with some modifications of the step-and-repeat machines, a variety of subjects could be photographed in any size required upon the zinc plate; and if for bookwork the type matter could be either photographed on the plate or transferred-in after cleaning up. However, that is a subject which may be left at present until some young enthusiast shall perfect it, or until a research school shall experiment upon it. On the face of it, this method would eliminate certain exposures and developments which are at present common practice.

The negative papers and films have added so much to the convenience of photo-planography that a description of them is necessary.

The makers of negative paper now produce it in long rolls 40 in. wide. Where necessary, a negative can be made 60 in. by 40 in. by turning the copy end way up. Such work could scarcely be attempted with glass negatives! The replacement of glass by paper or films is one of the great advantages of these nega-

tives. But in every case it must be remembered that there is no guarantee against stretching. To some extent stretching can be governed by submitting the paper negative to an alum bath.

TYPON NEGATIVE PAPER

To suit various purposes this "paper" is made in three qualities, viz.: "D," Anti-Halation Stripping Paper, for producing contact negatives; "K," Anti-Halation Stripping Paper, for taking negatives in the camera, and therefore much faster than "D," above; and "N," Reflex Paper, non-stripping, for contact negatives in the case of the copy being printed on both sides of the paper. In addition there is the "F" Anti-Halation Celluloid Film, for colour or close-register work.

The anti-halation effect is produced by adding a colour layer in the course of manufacture which disappears during development. The film for camera work ("K") is upon a very transparent gelatine base, and the exposure is 30 seconds at F32, to a two-carbon (single arc) lamp.

Fine cross-line screen work up to at least 175 lines can be produced, either on paper "K" or on the films "F."

The exposure for the papers "D" and "N" and the film "F" is 90 seconds to a single-arc lamp as compared with 30 seconds for the "K" paper.

TREATMENT OF TYPON NEGATIVE PAPER

The developer for all these papers and for the film is similar; and it is made in hot water. Each chemical is dissolved in the water before the next is added, and each is added in the rotation given in the following recipe: Distilled water, 1,000 c.c. (1,000 grammes); hydroquinone, 30 grammes; metol, 3 grammes; sodium sulphite (crystals), 225 grammes; potassium carbonate (dried), 225 grammes; potassium bromide, 30 grammes. This developer is diluted—2 parts water to 1 part of developer for line work, and from 4 to 6 parts water for very fine line or cross-line work.

Should the subject have been insufficiently lighted, the developer is made up of: Distilled water, 1,000 c.c.; hydroquinone, 12 grammes; metol, 8 grammes; sodium sulphite, 120 grammes; potassium carbonate, 80 grammes; and a few drops of potassium bromide.

After mixing developers allow to cool slowly to prevent re-crystallisation.

Upon completing development, the anti-halation colour layer is completely removed by washing thoroughly under running water, followed by a few seconds' immersion in a 3 per cent. solution of acetic acid, and again rinsed with water; then immerse for about seven minutes in the fixing bath of: Distilled water, 1,000 c.c.; hyposulphite of sodium, 300 grammes; potassium metabisulphite, 30 grammes; and powdered alum, 50 grammes—dissolved in the cool water.

The negative is then well washed for at least half an hour in running water, as generally practised by photographers. When the negative is dry, it may be stripped from its paper support or mount. To strip it easily trim it at all four sides, loosen the edges without cutting or tearing, place it on a flat surface and steadily peel it off. If the negative is too dry, it will be brittle,

and should be left exposed to air until the brittleness has gone, before attempting to peel it off.

If the negative should appear to be too dense, it may be reduced by the use of a solution of: Hyposulphite of sodium, 20 grammes, and water, 100 c.c., mixed with from 2 to 10 c.c. of solution of potassium ferrocyanide, 10 grammes, in water, 100 c.c. The strength can be altered by the quantity of the ferrocyanide added. For spotting and small areas, apply it with a pad of cotton wool, and follow at once with a rinse of water. For complete reduction, immerse in a bath of the solution reduced with water to quarter strength, and watch the reduction until a satisfactory density is obtained. Then remove it and wash well with water.

On the other hand, if the negative be weak, it may be intensified with a solution of: Distilled water, 1,000 c.c.; mercury bichloride, 30 grammes; and hydrochloric acid (10 per cent. solution), 5 to 10 grammes or cubic centimetres (c.c.), and, after removal from that bath, immersed in liquor ammonia, 5 per cent. solution, to blacken it.

Finally, wash well in water and dry it. Negatives so treated are not injured and may be kept for future use.

REFLEX PAPER "N"

As light has to pass through this paper it has no opaque backing, and is known as non-strip paper. The method of use is to place a yellow glass or celluloid filter on the plate glass of the printing-down frame, then a sheet of reflex paper, face up, upon which the printed matter to be copied is face down, and cover all over with black paper before closing the frame, for exposure. The time will be about 45 seconds to 60-watt illumination. As already explained, this method is applicable to copying a design, picture or print from paper which has, on the other side of the paper, other matter not required.

The result is a negative, which should be converted into a positive on reflex paper and from that a negative made by contact on the stripping paper "D," for the actual printing-down to metal.

As the reflex paper does not contain the anti-halation colour layer, it does not require the acetic acid treatment. The developer is the same as already given, but the fixing bath is slightly altered, as follows: Water, 1,000 c.c.; hyposulphite of sodium, 600 grammes; sodium bisulphite, 45 grammes. The density of negatives may be reduced as previously described.

In developing the positive on reflex paper, the developer is reduced by six times the quantity of water.

For obvious reasons, the use of reflex paper is advisable when the copy is faulty or is on deeply-grained paper. It will give a better result than a contact print through it, as when the stripping paper "D" is used.

THE CELLULOID FILM "F"

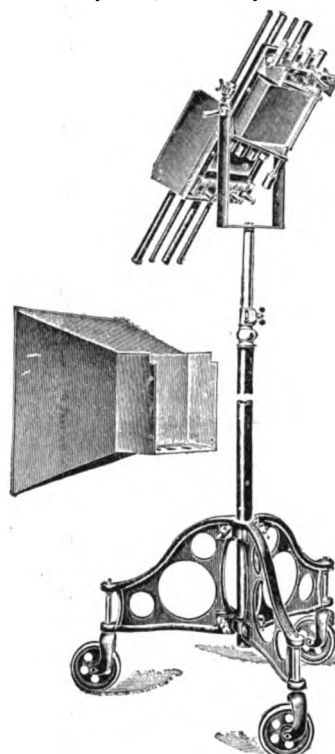
As this is fairly rigid, it can be used as a sensitive plate in the camera. The operator will easily determine the various ways in which these films may be used. When it is necessary to mount these films on glass, this is done by moistening the glass where required with glacial acetic acid, or a solution of gelatine in glacial acetic acid. Celluloid films should always be masked with orange paper or tinfoil. In cases where celluloid films are mounted on transparent paper, some featherings of paper should be put round them to assist the vacuum frame back sheet to come into contact without being impressed by the sharp edges of the films.

NOTES ON LAMPS FOR EXPOSURES

In the article in the issue of this periodical of February 6th, the subject of lamps was dealt with to some extent. There is, however, another lamp which is worth consideration.

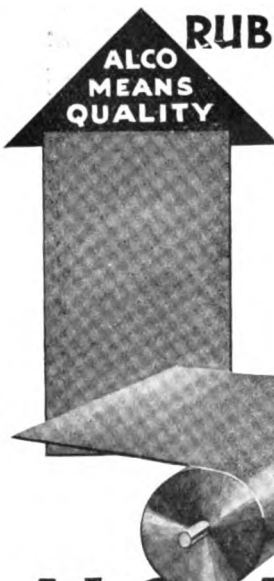
In producing the Boardman Multi - Carbon Lamp (Soho), the makers experimented with some process houses to prove its efficacy before offering it to the trade since which it has been installed in at least 25 large towns in Great Britain.

These lamps can be either automatic or hand fed. In the latter case they can be used on alternating (A.C.) or direct current (D.C.) They take 15 to 35 amperes without alteration. After putting these lamps to tests, the makers affirm that they are at least four times more rapid



FOUR-PAIR CARBON ARC LAMP
(SOHO-BOARDMAN)

ZINC PLATES AND RUBBER BLANKETS



We have specialised in the manufacture of Zinc Plates and Rubber Blankets for over a quarter of a century, and their guaranteed perfection has earned unparalleled confidence throughout the Trade.

Particulars and Price List of these and other specialities will gladly be sent on application to: -

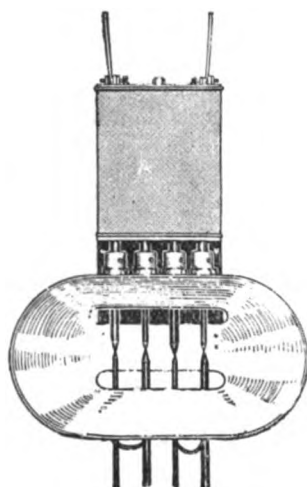
ALGRAPHY LTD
PHILIP ROAD, PECKHAM, S.E.15

Telephone NEW CROSS 1209
Telegrams "ALGRAPHY, LONDON"

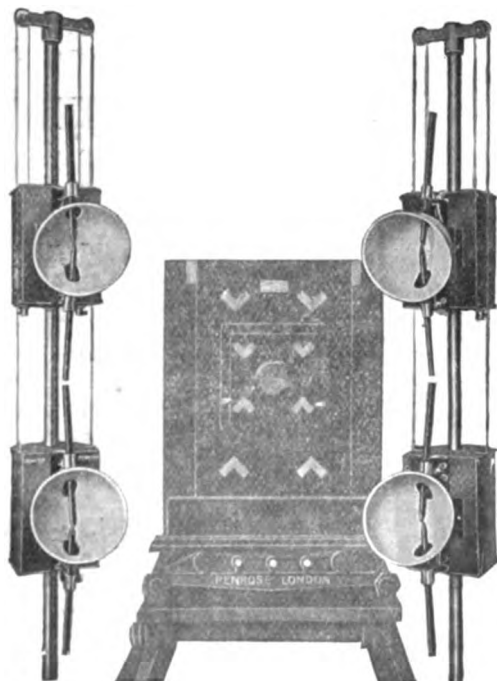
than enclosed arcs when covering large areas, and only use the same amount of current. Put into figures, this means that if an exposure to an enclosed arc occupies 10 minutes, the exposure to the Boardman lamp would require $2\frac{1}{2}$ minutes, thus saving both in time and current.

The case just quoted does not apply in all exposures; but it applies generally when larger work is being copied, and the result is due to the wider field of lighting obtained. Further, for copying colour work from the sketch, it is estimated, from diverse trials in business houses, that this form of lamp is about eight times faster than enclosed arcs. The extent of the field of these lamps is so large that two of them will cover 60in. by 40in. The automatic feed may be fitted if required.

The Truelite Open Arc represents a form of the open arc lamp made with an automatic feed. It works on a



TRUELITE OPEN ARC
(SOHO-BOARDMAN)

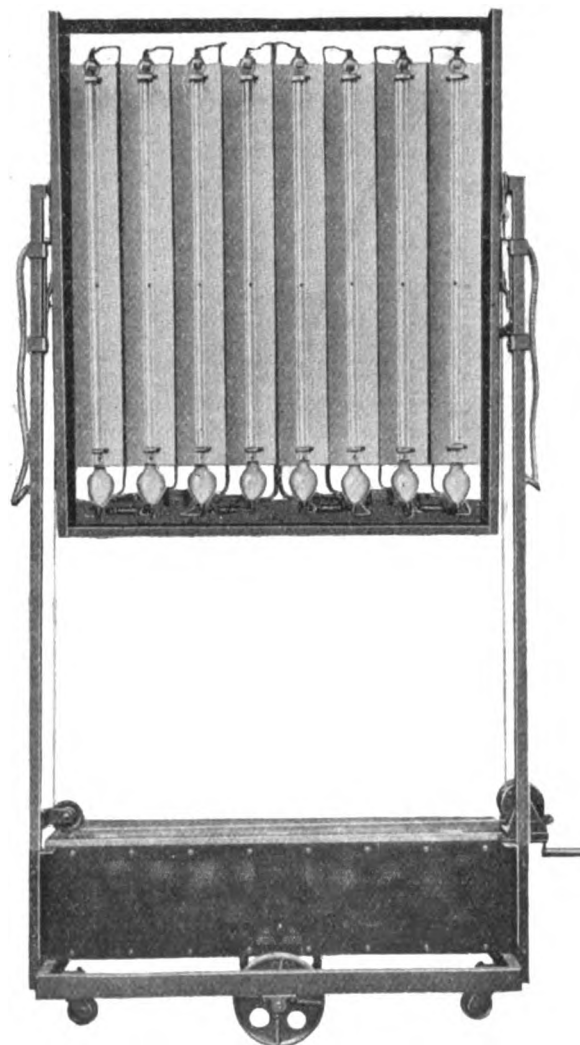


EMPIRE ARC LIGHTING UNIT
(HUNTER-PENROSE, LTD.)

direct current. Its effective value is gauged by comparison with a single arc lamp using 60 amperes as against the Truelite with its 4 arcs using only 15 amperes on 200 volt D.C. This lamp uses a much greater proportion of its effective light than the lamp mentioned above (the Soho), and will illuminate an area of 8 to 10 square feet. It is but little more expensive than the Soho-Boardman multi-arc lamp.

The Empire Arc Lighting Unit mentioned in the article of February 6th is here illustrated, showing the arrangement for lighting the copy board with the camera in the rear. This arrangement has a nominal candle-power of 8,000 without including any extra power due to the ultra-violet rays. When supplied with 200 volts current at 20 amperes, it consumes 4,000 watts or 4 units per hour.

The Mercury Vapour Lamp or "Service Light" illustrated shows an 8-tube battery, which gives a



"SERVICE LIGHT"—8-TUBE
(HEWITTIC ELECTRIC CO., LTD.)

nominal 9,600 candle-power on 200-volt direct-current, and consumes about 2,800 watts per hour. Small lamps are made, and in the new "Lithotex Junior" step-and-repeat machine such a lamp is the source of illumination for the direct photography. Similar lights are used in "process" studios.

THE "Monotype" scribbling pad, issued by the Lanston Monotype Corporation, is being welcomed by recipients. The sheets have a good writing surface, and are efficiently perforated so as to tear off cleanly. The bright-coloured tip shows up well on a desk, and the pad is rendered the more useful by having beneath it a card bearing a calendar, space for memoranda, and scales of inches and picas.

Lorilleux & Bolton^{LD}

PRINTING INKS

VARNISHES

ECLIPSE WORKS, ASHLEY RD.
TOTTENHAM HALE, N.17

The Rule of Thumb

is obsolete. Vandercook rigid-bed Proof Presses are testing presses. They tell instantly the printing conditions (without make ready) of type and blocks.

Dept. A.,
Baker Sales Company
23 Farringdon Avenue,
London, E.C. 4



Guaranteed Years of Efficient Service
DOUBLE DEMY ROTARY OFFSET 3,000 per hour
ENTIRELY EQUIPPED WITH "MINTITE"
INKERS AND DAMPERS

Report "Working very satisfactorily."

Time taken CHANGING OVER from Black to
Colour only a few minutes

Do not shrink, swell or crack

Equally efficient for TIN-PRINTING, VARNISH-
ING, LETTERPRESS, DIE-STAMPING, NEWS-
PAPER, ETC.

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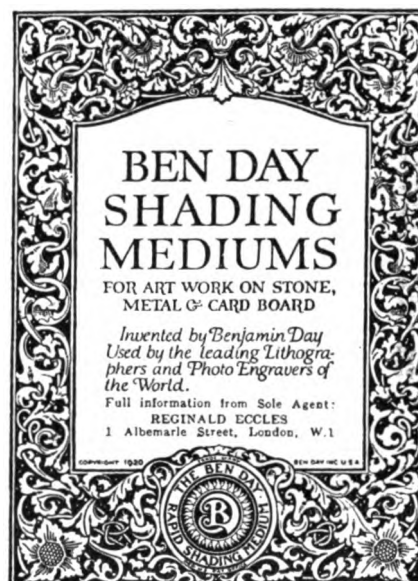
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New British Patents

Full copies of published specifications 1s. (each) can be obtained from the Patent Office, 25, Southampton-buildings, London, W.C.2

APPLICATIONS

- Aktieselskabet Autopil, and Johnsen, R. B. Envelopes. 6,417.
 Bandoïn, R. Preparation of printing blocks. 6,511.
 Bell, C. E. Photographic multi-colour printing. 6,725.
 Brehmer Maschinenfabrik Geb. Paper-folding machines. 6,228.
 Cogswell, A. G. Sheet folding mechanism. 7,248.
 Cogswell, A. G. Sheet feeding mechanism. 7,249.
 Cogswell, A. G. Magazines for sheet feeding mechanism. 7,250.
 Diwow, N. N. Multi-colour printing. 7,536.
 Dunnebier, M., and Winkler, A. Machine for manufacture of envelopes. 6,425.
 Dunnebier, M., and Winkler, A. Delivery, counting and stacking apparatus for printing, etc., machines. 6,570.
 Hart, H. (Mergenthaler Linotype Co.). Typographical composing machines. 6,901.
 Kleinschmidt, O. Paper-folding machines. 6,228.
 Langdon, F. E. Printing machines, etc. 6,255.
 Linotype and Machinery, Ltd., and Gayter, E. Typographical line-composing machines. 6,638.
 Linotype and Machinery, Ltd., and Gayter, E. Slug trimming knives for typographical line-casting machines. 6,639.
 Ludlow Typograph Co. Machines for making printers' leads, slugs, etc. 6,689.
 Maschinenfabrik Augsburg-Nürnberg Akt.-Ges. Multi-colour printing machines. 7,395.
 Mészáros, J. Register ensuring device for graphical printing machines. 6,361.
 Noble, F. J. Machines for forming paper sealing strips. 7,243.
 Ratner, L., and Ratner, W. Cartons, etc. 6,984.
 Scott, L. G. Photographic multi-colour printing processes. 6,725.
 Siemens Schuckertwerke Akt.-Ges. Electrical drives for rotary printing machines. 6,712.
 Skrebbha, H. Devices for multiplying printing matrices. 6,747.
 Tutton, G. A. Cartons, etc. 6,614.

SPECIFICATIONS PUBLISHED

1928.

- Bond, A. A., and Browne, Ltd., T. B. Production of half-tone blocks. 325,545.
 Rose, A. G., and Rose Bros. (Gainsborough), Ltd. Conveyor apparatus operable in conjunction with carton-forming machines, wrapping machines, and the like. 325,546.
 Timson, A. R. Printing machines. 325,901; 325,902.

1929.

- Buschmann, H. Manufacture of printing plates. 315,855.
 Cahill Carton Corpn. Cartons. 325,701.
 Fischer, F., and Rathsfeld, H. Machine for printing on paper and cloth bands. 325,694.
 Hoe and Co., Ltd., R. Printing machines. 325,951.
 Pirie, W. J. Cleaning the inking rollers of printing machines. 326,104.
 Stanley, A. H., Maxson, C. B., and Maxson, J. W. Methods of and machines for cutting, feeding, and stacking sheet material. 326,046.

- Turner, E. H. Folders for filing paper or like sheets. 325,966.
 Weissshuhn, E. Paper bags. 326,057.

COMPLETE SPECIFICATIONS OPEN TO PUBLIC INSPECTION BEFORE ACCEPTANCE 1929.

- Addressograph Co. Platens for printing and like machines. 36,679.
 Haller, O. Paper-cutting machine. 11,008.
 Jos-Pe Farbenphoto-Ges. Process for the production of multi-colour pictures. 9,816.
 United Cigarette Machine Co. Akt.-Ges. Process for bronze printing on endless paper bands. 39,433.
 1930.
 Allgemeine Elektrizitäts-Ges. Apparatus for printing tickets. 5,166.
 Intertype Corporation. Metal pots for line-casting machines. 1,956.
 Siemens-Schuckertwerke Akt.-Ges. Electrical drives for rotary printing machines. 6,712.

Ingenious Acid Tester

Electrotypers and printers generally will be interested in an invention for ascertaining the specific gravity of acid, which has been produced by Mr. A. E. Bawtree, F.R.P.S., consulting physicist, who is well known in the printing industry.

The device, known as the "Singaldrop," takes two forms, both of which depend on the same principle. One is a blotter designed to indicate the condition of charge of electrical accumulators. The blotter on its absorbent face is of a green hue and, on being touched with a small drop of acid from an electrical accumulator indicates by a change of colour the specific gravity of the acid. The spot turns to an orange colour if the cell is fully charged, to brown if half charged, and to green if discharged. It is of special interest to all employing motor transport.

The other device is an acid tester of wider applicability. Two kinds of paper are provided with it, one of a blue-grey colour, sensitive to stronger acid, and the other of a neutral dark grey designed for weaker acids. Accompanying the booklets of test paper is a colour chart bearing a series of fifteen tints. Each tint bears a number. The colour produced when acid is dropped upon the test paper is compared with the chart, and the number of the corresponding tint is noted. This corresponds to a certain specific gravity given in a table on the viewing card which accompanies the chart.

Whereas in certain chemical manufacturing processes (particularly electrotyping) a high degree of accuracy of solution strength is required, the services of an analytical chemist are expensive and slow. The "Singaldrop" method, however, instantly gives as high a degree of accuracy as is required.

The method is stated to be accurate and inexpensive. Particulars may be obtained from Mr. Bawtree at 20, Manor Park Road, Sutton, Surrey.

MAJOR W. V. WEBER, chairman of the Punch and Ticket Co., Ltd., of St. Peter's Road, London, N.1, has passed away after a short illness. The business will be carried on under the supervision of Mr. G. E. Weber, the present managing director.

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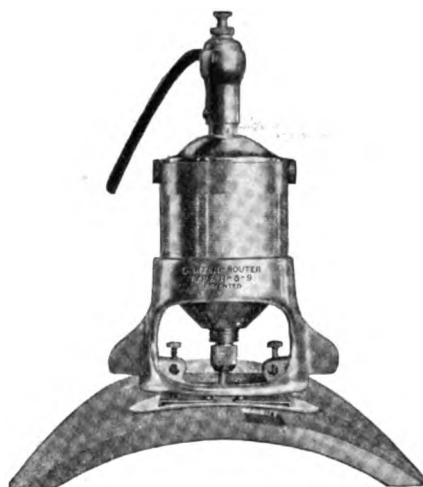
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Lithographic Trade Review

Notes and News

TRADE amongst lithographic printers at the present time is described as only moderate, and compared with a month and twelve months ago shows some decline. With regard to immediate prospects, these do not, unfortunately, appear at all hopeful. A regrettable recent occurrence in this field is the closing down of Messrs. Eyre and Spottiswoode's lithographic works at Shacklewell Lane.

* * *

IN the half-yearly report (just issued) of the Amalgamated Society of Lithographic Printers, the general secretary states that the Society throughout the country had more unemployed and suspended members than for several years past.

* * *

THE general secretary, in the same report, draws attention to the fact that a number of firms are putting down photogravure plant, and states that they are in some doubt as to putting a litho printer on it, owing to a statement in the Master Printers' Federation circular suggesting that it was a letterpress proposition. "We have entered a protest," he says, "and discussed the matter with the Employers' Federation, indicating that they were premature in their recommendation and were prejudicing our case. They have now referred the matter to a committee for reconsideration. Meantime, several important firms have decided for themselves that photogravure is a litho proposition, and are putting our members on the machines."

* * *

A BALLOT is now in progress amongst the members of the London branch of the Amalgamated Society of Lithographic Printers to fill the position of assistant secretary. Four candidates are in the field, and the result will be known in a week or a fortnight's time.

Lithographers' Auxiliary Concert

The last concert of the season of the Lithographers' Auxiliary to the Printers' Pension Corporation was held on Monday, when the Grand Hall of the Cannon Street Hotel was again the venue of a very large gathering. Mr. T. Foxon (Messrs. Bradbury, Wilkinson and Co., Ltd.) was in the chair, and he was supported, amongst others, by Messrs. Frank Heywood (president), Woodgate Stevens, W. Herring, E. A. Mullins, G. W. Crane (secretary), and E. H. Berryman. As a result of the concerts held this season the committee has founded two pensions—No. 14 and No. 15. The chairman's list for the evening amounted to £163, a sum which makes a good beginning towards the founding of the 16th pension.

During the evening Mr. Foxon spoke of the valuable work of the Printers' Pension Corporation, though he would not, he said, enlarge upon its activities to such an enthusiastic gathering of those already familiar with its claims.

Mr. Frank Heywood (who has been a most successful and untiring president) congratulated Mr. Foxon on the excellence of his efforts.

Mr. Herring (musical director) brought together a very fine programme of concert artistes. Mr. Foxon himself displayed much musical talent as a tenor, and

the following well-known artistes contributed to a much-appreciated programme: Edythe Kyte, Charles Harrison, Leonard Lovesay, Helena Millais, Enid Cruickshank, Louise Selkirk, Harry Brindle, Leonard Henry and Miss Gertrude Mayo (accompanist).

Progress in Printing Processes

Addresses to Advertisers

Two addresses of great interest to printers were delivered at last week's meeting of the Publicity Club of London.

One of the speakers was Mr. R. B. Fishenden, who took as his subject, "What's New in Print." His address is reported elsewhere in this issue.

Mr. T. Barber followed with a paper on "Photogravure," in which he enthusiastically advocated the use of the process, and had some useful practical advice to give on the application of the process to advertising.

A vigorous discussion followed the addresses, one of the speakers being Mr. S. H. Horgan, who recalled that although rotary photogravure was invented in Lancaster, the process was not appreciated in this country, but to-day it was one of the big money-making businesses of the United States.

Mr. A. E. Goodwin (Director of the Federation of Master Printers) referred with pleasure to the number of young men present, and said that one of the most encouraging features of the printing industry to-day was the attention being given by the younger generation to all the problems connected with the printing industry. Two thousand and twenty young printing craftsmen were now being trained in technical schools and colleges throughout the country in the daytime, their fees being given to them by their employers, whose active support of technical education was thus shown.

A careful review of conditions in the printing industry all over the world, he continued, would show that British printers were keeping well up to date in their methods and machinery. Anything that was new in printing, in any part of the world soon reached this country, and there was sufficient enterprise and initiative being exercised to take advantage of every useful new idea.

The importance of advertising men ordering blocks which could be used with the new standard trichromatic inks was also referred to by Mr. Goodwin. The use of colour in every form of advertising, he said, was a step in the right direction.

COMPETITION OF INDUSTRIAL DESIGNS, 1930.—By kind permission of the Board of Governors of the Imperial Institute, the public exhibition of works sent in for this year's open Competition of Industrial Designs organised by the Royal Society of Arts will be held in the Exhibition Pavilion of the Imperial Institute, South Kensington, S.W. Full particulars of the scholarships and prizes offered in connection with the competition for designs for (amongst other things) book production, posters, showcards, etc., can be obtained from the secretary of the Royal Society of Arts, Adelphi, London, W.C.2. Applications for forms of entry, labels, and instructions must be sent to the secretary of the Society between May 1st and May 10th, and the last day for receiving entries is May 26th.

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Trade Notes

ODHAMS PRESS OFFER.—An issue of 1,700,000 Ordinary shares of 4s. each, at the price of 6s. 3d. per share was offered for subscription by Odhams Press, Ltd. at the beginning of this week. The shares rank *pari passu* for dividend with the existing Ordinary shares in respect of the financial year commencing January 1st, 1930. The issue was soon subscribed, the application list being closed at 2.30 p.m. on Tuesday.

INDEPENDENT NEWSPAPERS, LTD.—At the annual meeting of Independent Newspapers, Ltd., held in Dublin on Thursday, Mr. W. Lombard Murphy, M.D., chairman and managing director, referred with satisfaction to the profit for 1929 of £70,010, permitting a dividend at the rate of 10 per cent. He said the Independent Newspapers were now well established in a very strong position, and he looked forward with confidence.

LAMSON PARAGON SUPPLY Co.—Presiding at the 27th ordinary general meeting of Lamson Paragon Supply Co., Ltd., in London last week, Mr. Alan McLean (chairman) mentioned that during the year the company had capitalised certain advances on account of the development of a patented dust and damp proof, hermetically sealed carton in course of exploitation by a new company called "Hermeton Limited," the nominal share capital of which was £150,000. At a convenient time they proposed to make a public issue of shares in this new company.

MESSRS. THOMAS DE LA RUE AND CO., LTD., have been successful in securing a contract for the supply of 2½ milliard postage stamps for the Chinese Government, i.e., 2,500,000,000 stamps. The contract was secured in face of keen competition from printers at home and abroad. This is the largest order of its kind ever given to an individual firm in this country. The contract will run into a sum of about £100,000, and work will be found for several years for a large number of people.

THE present week has been a busy one at the headquarters of the Federation of Master Printers. The Publicity and Selling Committee met on Tuesday; the Re-grading Sub-Committee held a meeting on Wednesday; the Betterment Committee of the Joint Industrial Council are meeting to-day (Thursday), and on Friday there is a meeting of the newly-formed photo-gravure section.

THE quarterly council meeting of the Federation of Master Printers takes place next Tuesday, and a long agenda has been issued to the members, showing that a number of interesting topics will come forward.

WE regret to record that Mr. James Caldecott Lake, Senr., who for many years was so well known as head of the firm of Lakes o' London, Little Sutton Street, Clerkenwell, E.C.1, has passed away in his 87th year. Mr. Lake, Senr., was born at 170, Fleet Street, E.C., over his father's printing works and entered the paper trade in 1861 when 18 years of age.

FRYOTYPE FOOTBALL.—The "Fryotype" football team, by defeating West End Engraving by 2—0 on Saturday, in the final, won the Cup of the Second Division of the Printing and Allied Trades Competition. They also hold the championship of the Second Division Printing and Allied Trades League. The Electrotypes and Stereotypers' Cup, which is at present held by the "Fryotype" club, will be contested against the "Rest of the Trade" on April 19th at *News of the World* Sports Ground, Park Place, Mitcham.

Country News

BRADFORD

THE chairman of the Bradford Corporation Finance Committee, in a speech at Bradford last week, referred to the municipal printing proposal which is at present under consideration, and said the matter was at present being gone into by the Bradford City Treasurer and an expert printer. When their report was issued the scheme would come before the City Council, and he ventured to predict that it would then be rejected. He had possession of the balance-sheet of the Sheffield Corporation printing works, and he would be prepared to criticise it when the matter came before the City Council.

BRISTOL

THE funeral took place on Thursday last at Holy Trinity Church, St. Philip's, of Mr. John Lodge, the proprietor of an old-established printing business carried on at West Street, St. Philip's. Mr. Lodge, who was 77 years of age, had been a member of the committee of the Bristol Master Printers' and Allied Trades Association for 23 years. There was a large congregation present at the church for the funeral service, the Association being represented by Messrs. F. H. Baber (vice-chairman), H. J. White (past-chairman), Thos. Goulding (hon. treasurer), and G. F. Jones (secretary).

CARDIFF

THE death occurred on Wednesday last week, at the age of 56, of Mr. Fred. W. Glossop, the Cardiff printer, founder of the firm of S. Glossop and Sons, Ltd., Cardiff. His illness was very short, he having been taken with a seizure the previous Wednesday while out on the golf links at Radyr. Mr. Glossop opened on his own account some thirty years ago, being joined in a couple of years by his brothers and father, and a big business was built up. Early in 1923 Mr. Glossop was elected president of the Cardiff Master Printers' Association, an office which he held for two years, and in 1926 he was honoured by his election to the office of president of the South Wales and Monmouthshire Alliance of Master Printers' Associations.

HUNTINGDON

THE annual meeting of the Huntingdon Master Printers' Association was held on March 26 at Huntingdon, Mr. Percy C. Tomson (St. Neots), chairman of the Association and president of the East Anglian Master Printers' Alliance, presiding. Mr. F. Bartindale (Huntingdon) was elected chairman, and Mr. S. Herbert Wood (Huntingdon) was re-elected hon. secretary and treasurer. A number of matters of importance were brought before the meeting by Mr. L. J. Cumner, Federation assistant secretary, and Mr. G. H. Yelf, secretary of the Alliance, and discussion took place. The meeting was followed by a dinner, in the course of which a presentation of a silver fruit bowl was made to Mr. Tomson in recognition of his great services to the Association as chairman for many years. Among the guests were the officers of the neighbouring Association of Cambridge.

YORK

AN interesting account of the building and equipping of the new printing works of the *Yorkshire Herald*, at York, appeared in that journal under date March 28. Illustrations of the composing-room and machine-room accompanied the article.

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Commercial Review

Current Share Prices

Allied Newspapers ord. 30s., 30s. 1½d., 8 p.c. cum. pref. 21s. 9d., 21s. 10½d.; Allied Northern Newspapers 6½ p.c. deb. 98½; Amalgamated Press ord. (10s.) 23s. 4½d., 23s. 6d., 7 p.c. cum. pref. 20s., 19s. 7½d., 5½ p.c. deb. 91½, 92; Anglo Foreign Newspapers (5s.) 1s. 3d., 1s. 4½d., defd. (1s.) 2d.; Argus Press Holdings 24s. 9d.; Associated Newspapers 23s. 6d., 23s. 3d., def. (5s.) 31s., 30s. 7½d., 5 p.c. cum. pref. 18s. 3d., 18s.; Buff Book 19s. 6d., R. W. Crabtree and Sons pref. (10s.) 9s.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 10s., 104½; Thomas De La Rue 12s.; John Dickinson 41s. 3d., 42s. 3d., 5 p.c. cum. 1st pref. stock 88½; Financial News 5 p.c. cum. pref. 13s. 6d.; Financial Times ord. 26s. 3d., 7 p.c. cum. pref. 21s. 6d., 21s.; Hazell, Watson and Viney 5 p.c. cum. pref. (£10) 7½; Hutchinson Printing Trust 7½ p.c. partg. 1st pref. 14s. 3d.; Ilford 49s., 6 p.c. cum. pref. 21s. 3d.; Illustrated Newspapers 10s. 3d., 7 p.c. cum. pref. 15s. 3d.; International Linotype 82½; Kelly's Directories 7½ p.c. cum. pref. 22s. 6d.; Lamson Paragon 21s., 5½ p.c. cum. pref. 16s. 3d., 10 p.c. cum. pref. 27s. 6d.; Lanston Monotype Corporation 37s.; Linotype A deb. 70½, B. deb. 71½; George Newnes (10s.) 21s. 3d., 5 p.c. cum. pref. 15s. 7½d., 7 p.c. 2nd cum. pref. (10s.) 9s., 9s. 3d.; Northcliffe Newspapers 5½ p.c. deb. 97½; Odhams Press (4s.) 7s., 7s. 11½d., 6 p.c. pref. 16s., 7½ p.c. A pref. 19s. 3d.; C. A. Pearson 5½ p.c. cum. pref. 15s. 1½d.; Sunday Pictorial Newspapers 62s. 9d., 63s. 1½d., 8 p.c. cum. pref. 23s. 7½d., 24s.; Raphael Tuck 21s.; United Newspapers 7½ p.c. cum. pref. 13s. 9d.; Waterlow and Sons def. 35s. 7½d., pref. 20s. 7½d.; Weldon pref. ord. (10 p.c. cum.) 13s., 6 p.c. cum. pref. 11s.; Winterbottom Book Cloth 73s. 1½d.; Wyman and Sons 51s. 10½d., 7 p.c. cum. pref. 21s. 3d., 6 p.c. cum. pref. 18s. 6d.

Dividends and Reports

SOLICITORS' LAW STATIONERY SOCIETY.—Report for 1929 states that sales amounted to £320,043 (against £310,506), profit was £51,467 (against £45,728). Dividend of 12 per cent., less tax. As a consequence of dividend exceeding 3 per cent., bonus is distributed among solicitors whose accounts with society during year amounted to £50. Bonus is also payable to staff. Dividend and bonuses will absorb £46,086. Directors propose to add £5,000 to reserve, forward £10,197.

ASSOCIATED NEWSPAPERS.—At board meeting on March 25th, directors of Associated Newspapers, Ltd., declared the usual quarterly dividend of 6d. per share, less tax, on the deferred shares for the three months ending March 31st, 1930.

New Companies

OFFSET PROCESS COMPANY, LTD.—Capital £12,500, in £1 shares; to acquire the business of photo lithographers heretofore carried on by J. F. Milner and N. V. Todd at Nottingham. Private company. Directors: J. F. Milner, N. V. Todd and E. W. Wilbourne. Solicitors: E. S. B. Hopkin, Halifax Buildings, Westgate, Mansfield, Notts.

J. W. BERESFORD AND CO., LTD.—Capital £5,000, in £1 shares; to adopt an agreement with H. Jones and J. W. Butler and to carry on the business of transfer printers, stationers, general printers, lithographic printers, box makers, etc. Private company. Directors: H. Jones and J. W. Butler. Registered office: 90, Steward-street, Birmingham.

ENGINEERING REVIEW PUBLISHING CO., LTD.—Capital £6,000, in 5,000 7 per cent. preference shares of £1 each and 10,000 ordinary shares of 2s. each; to acquire the undertaking of the Engineering Review Co., Ltd., to adopt an agreement with the said Engineering Review Co., Ltd., Electrical Press, Ltd., J. D. Troup, A. G. Whyte, W. Alderson Smith, W. L. Randell and W. McPherson, paper-makers, stationers, printers, publishers, newspaper proprietors, advertising agents and contractors, etc. Private company. Directors: W. Alderson Smith, W. L. Randell, J. D. Troup and A. G. Whyte. Solicitors: Sydney Morse and Co., Alder House, Aldersgate-street, E.C.1.

ASTER PUBLICATIONS, LTD.—Capital £2,000, in £1 shares; to acquire the business of proprietors, printers and publishers of newspapers, magazines and other periodicals, etc., carried on at 61 and 62, Chancery-lane, W.C., as "Aster Publications." Private company. Directors: L. N. Cooper and others to be appointed by the company or subscribers.

CONSTANCE TEMPLEMAN, LTD.—Capital £2,000, in £1 shares; stationers, printers, engravers, publishers, book and print sellers, bookbinders, art journalists, newspaper and magazine proprietors, etc. Private company. Directors: W. A. Templeman and Mrs. Constance R. Templeman. Registered office: The Old Forge, Amersham, Bucks.

SNASHALL AND IVORY, LTD.—Capital £1,500, in 1,000 5 per cent. cumulative preference and 500 ordinary shares of £1 each; printers, stationers, engravers, die stampers, bookbinders, publishers, envelope manufacturers, box makers, etc. Private company. Directors: O. T. Snashall, 39, Park-road, Southend-on-Sea, W. T. Ivory and O. L. Snashall.

GREIG AND MILLAR, LTD.—Capital £1,200 in 2s. shares; lithographers, engravers, publishers, etc. Private company. Subscribers: W. Marshall and R. Gilchrist. Registered office: 63, North Frederick-street, Glasgow.

PAN-AMERICAN PUBLICITY AGENCY, LTD.—Capital £1,000 in £1 shares; advertising and publicity agents and specialists, press and press cutting agents, advertising contractors, etc. Private company. Directors: L. B. Edwards, F. J. Grieves and S. J. Williams. Registered office: 8, Salisbury-square, Fleet street, E.C.4.

ALEXANDER SALTON, LTD.—Capital £1,000, in £1 shares; printers, stationers, etc. Private company. Provisional directors: A. Barlow and T. R. G. Rowland. Solicitors: Turnbull and Tilley, West Hartlepool.

PREMIER PUBLICITY SERVICE, LTD.—Capital £100, in 1s. shares; press and publicity agents, advertising agents and contractors, etc. Private company. Subscribers: Florence V. Hibbert (secretary), 22, Wyld Way, Wembley, Middlesex) and J. H. Pinckney.

ART WALLPAPERS, LTD.—Capital £500, in £1 shares; to carry on the business indicated by the title. Private company. Directors: G. W. Rament and R. Landau.

Fill in the ORDER FORM opposite
and hand to your Newsagent today

Registered office: 16, Carlton-terrace, Green-street, East Ham, Essex.

Mortgages and Charges.

JOHN HAYWOOD, LTD. (printers, etc., 121, Deansgate, Manchester).—Satisfaction in full on December 31st, 1928, of mortgage dated April 26th, and registered May 4th, 1922, securing £7,000. (Notice filed March 20th, 1930).

NEWCASTLE CHRONICLE, LTD.—Satisfaction to the extent of £22,250 on March 15th, 1930, of first mortgage debenture dated June 3rd and registered June 8th, 1925. (According to the "Register of Mortgages," the debenture registered June 8th, 1925 originally secured £500,000.)

P. J. PRINTING TRUST, LTD. (Addlestone).—Agreement to issue debenture dated March 4th, 1930, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd., and charged on the company's undertaking and property, present and future, including uncalled capital. Also debenture of same date to secure £5,000, charged on the company's undertaking and property, present and future, including uncalled capital. Holders: J. E. D. Samuel, Weybridge, and M. Le Feuvre, 71, Lombard-street, E.C.

ROADWAY TIME TABLES, BOOKINGS AND PUBLICATIONS, LTD. (formerly Roadway Time Tables, Ltd., 3, Warwick-street, W.).—Issue on March 12th, 1930, of £3,000 debentures, part of a series already registered.

DULAN AND Co., LTD. (publishers, etc., London).—Satisfaction on March 15th, 1930, of charge on 32, Old Bond-street, W.I., dated July 22nd, and registered July 27th, 1929. (According to the "Register of Mortgages" the charge registered July 27th, 1929, originally secured all moneys, etc.).

DULAN AND Co., LTD.—Mortgage and Land Registration charge on 2, Stafford-street, W., dated March 14th, 1930, to secure £9,000. Holders: North British and Mercantile Insurance Co., Ltd. Also Land Registration charge on the above mentioned property, and collateral charge on leasehold interest in 32, Old Bond-street, W., both dated March 15th, 1930, to secure all moneys due or to become due from the company to Barclay's Bank, Ltd.

BOWATER'S MERSEY PAPER MILLS, LTD.—Deed of demise dated March 18th, 1930 (supplemental to trust deed dated November 6th, 1929, securing £650,000 first mortgage debenture stock), charged on freehold lands at Ellesmere Port. Trustees: Law Debenture Corporation, Ltd.

NEASDEN WAXED PAPER Co., LTD.—Charge on land, factory and buildings in Neasden lane, Neasden, with fixtures, etc., dated March 6th, 1930, to secure £11,000. Holder: H. D. Wilkinson, High Wycombe.

Samuel Jones and Co., Ltd.

Annual Meeting

The annual general meeting of Samuel Jones and Co., Ltd., was held on Tuesday, last week, in the Recreation Room at Bridewell Place, London.

The chairman, Mr. A. C. Jennings, disclosed a very satisfactory state of affairs. The profit for the year showed an improvement of approximately £6,000 over that of the previous year, and the reserves had been added to and now stood at £10,000. The bank loans and mortgages had also been reduced. Holdings in subsidiary companies had increased from £23,000 to £56,000, due, primarily, to the fact that the export and engineering departments had been made into separate companies, most of the share capital being held by the parent company.

The meeting decided, on the recommendation of the directors, that a final dividend of 5 per cent., making a total of 8 per cent., be paid on the ordinary shares.

P.M.A. Night

The fourth of a series of concerts held in aid of the Endowment Funds for the Printers' Medical Aid Home at Hastings took place on Saturday at the Masonic Hall, Wood Green, under the presidency of Mr. Woodgate Stevens, secretary of the London Printing Trades Federation. An excellent programme provided by the Lyricals Concert Party was enjoyed by an enthusiastic audience.

During an interval in the programme, Mr. George Lee welcomed the P.M.A. and Mr. Stevens to Wood Green. Mr. Baker, the secretary of the P.M.A., expressed the gratitude of his committee to the local auxiliary for providing the concert, and to Mr. Stevens for presiding. As the result of the chairman's appeal £36 had been subscribed, making the total for the series approximately £150.

Mr. Stevens, in response, said that he had a very warm corner in his heart for the P.M.A., and it gave him the greatest pleasure to take the chair on that occasion. He thanked the audience present and all who had helped in securing such an excellent response to his appeal for the endowment.

DON'T DELAY—FILL IN TO-DAY—

NEWSAGENT'S or BOOKSELLER'S ORDER FORM

To _____

Date _____

Please supply the "British & Colonial Printer" until further notice commencing _____

To _____

Letter to the Editor

BETTER STATIONERY

SIR,—In your issue of March 20th, under the heading "The World of Print To-day," you refer to commercial stationery, and in your article you appear to be trying to "run with the hare and hunt with the hounds." You say you do not advocate either poor paper or cheap stationery; and this is surely a very sound policy. Cheap stationery is false economy at any time and the instance, to which you refer, of the textile manufacturer using a sulphite cap paper with the name of his firm impressed from a rubber stamp, surely condemns itself. If this manufacturer wanted to advertise the fact that his business was in low water, he could not have chosen a more effective method.

As one who is daily assisting in the improvement of customers' stationery, I suggest it is to the advantage of every printer to advise his customers to use better stationery. The cost of the better stationery is, after all, very little more than that of cheap stuff, and, referring to another point in your article, such difference would allow very little extra publicity appropriation, and the extra it did allow would be more than lost by the ill-effect of the inferior stationery used in support of the other advertising scheme.

Nottingham.

W. R. SMITH.

W. and N.W. London Printers

Successful District Gathering

GREAT success attended a supper-meeting of the West and North-West London Master Printers' Association on Monday at "The Britannia," High Street, Camden Town. This was the first of a series of meetings to be held in local areas with the idea of stimulating the interest of members in such a scattered district as West and North-West London.

Mr. S. N. Heron presided over a gathering of about thirty members, among whom were several newcomers, and after supper addresses on "What the Buyer Expects from the Printer" were given by two distinguished guests—Messrs. Adkins and Farmer. An enthusiastic discussion followed the papers, and the meeting terminated at about 9.30 p.m. The general impression seemed to be that this event, and those to follow, will do much to increase enthusiasm in the Association.

PREPAID ADVERTISEMENTS

The Minimum Charges for Three Lines, with an average of eight words to the line, for Advertisements under the headings given below are as follows (extra lines at proportionate rates):—

	Three Lines	
	s.	d.
Situations Wanted	1	6
Situations Vacant	3	0
Agencies	3	0
Machinery for Sale and Wanted	3	0
Businesses for Sale and Wanted	3	0
Shares for Sale and Wanted ...	3	0
Partnerships and Investments ...	3	0

The following are the rates for Advertisements classified as under:—

	Per Line	
	s.	d.
Sales by Auction	2	0
Tenders	2	0
Patents for Sale	2	0

Replies may be addressed to Box Numbers. Offices of this journal for which a fee of 6d. is charged to cover postage of replies.

Annual Subscription (post free) 17s. 6d.

Cheques and Post Office Orders to be crossed and made payable to STONHILL & GILLIS, Ltd., 58, Shoe Lane, London, E.C.4

Telegrams: STONHILL, LUD. LONDON Telephone: 2439 HOLBORN

SITUATIONS WANTED

THE Printers' Provident Association, 21, Charterhouse-street, Holborn-circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades, at short notice. No charge. 'Phone, Holborn 0527. 14695

MACHINERY FOR SALE

NUMBERING MACHINES, Hand and Forme; half-price; new. — Marston, 69, Wightman Road, London, N.4. 15442

From the London Gazette

PARTNERSHIP DISSOLVED.—J Evans and W. R. Witt, stationers and printers, 58, Long lane, London, under the style of Evans and Witt.

THE BANKRUPTCY ACTS, 1914 AND 1926: RECEIVING ORDER. T Griffiths (trading as "Thomas Griffiths and Co."), 45, Oldfield road, Sal'ord, residing at 14, Mayfield-road, Eccles, formerly carrying on business at 65, Bridge-street, Manchester, and Trumpet street Works, Gaythorn, Manchester, printer, stationer, bookbinder and picture-framer.

THE FIRM for PRINTERS' METALS

London Representative:

GLEN STEEL

63 & 64, Chancery Lane, W.C.2

JUBB'S

Established 1859

Scottish Representative:

WM. GREIG

6, Greenbank Ave., Edinburgh

T. G. & J. JUBB LIMITED - - HUNSLET, LEEDS

Telegrams: Metals, Leeds

Telephone: 25620

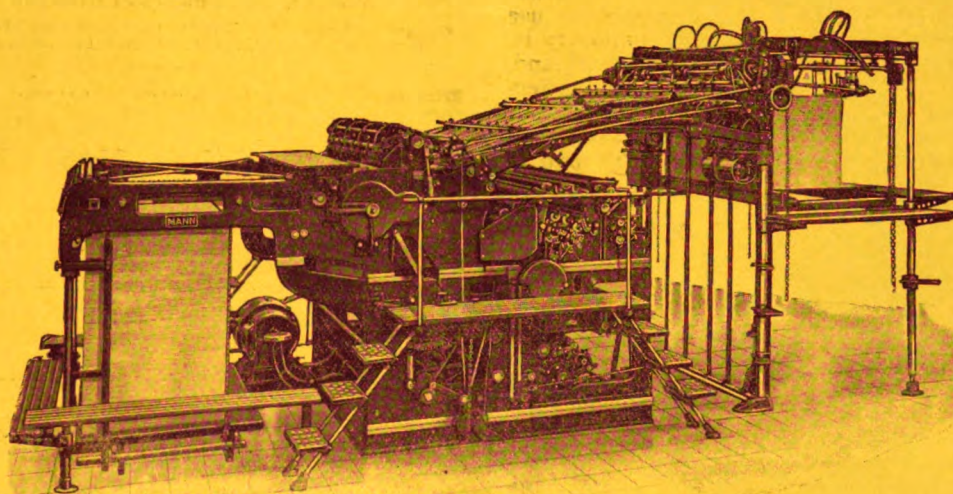


**MANN
OFFSETS**

Machines of Distinction

The Most Modern Rotary Offset Machines
are equipped with

STEEL CYLINDERS—STEEL DRIVING GEARS
and many other working parts made of steel



Two-Colour and Perfecting Rotary Offset Machine with "Dexter" Pile Feeder.

ADVANTAGES:

INCREASED SPEED. GREAT STRENGTH. LESS HORSE POWER.
VIBRATION REDUCED TO MINIMUM. SMOOTH RUNNING MACHINE.

Mann's modern method of construction and manufacturing enables them to offer Rotary Offset Machines of Distinction capable of maintaining an average High Speed and Quality not equalled by any other make.

GEORGE MANN & COMPANY, LIMITED

The Offset Machinery Specialists

AMPTON STREET, Gray's Inn Road, LONDON, W.C.1

'Phone: "Terminus" 5741 (3 lines)

'Grams: "Lithoman, Kincross, London"

Cables: "Lithoman, London"

AGENTS:

Australia and New Zealand: R. COLLIE & Co., PTY., LTD., 194/196, Little Lonsdale Street, Melbourne, and 230, Clarence St., Sydney.
Also at Adelaide, Brisbane, and Perth
South Africa: W. H. SMITH & Co., 148, St. George's St., Capetown. India: GEORGE MANN & Co. (India) Ltd., 14, Clive St. Calcutta.

The Chandler & Price

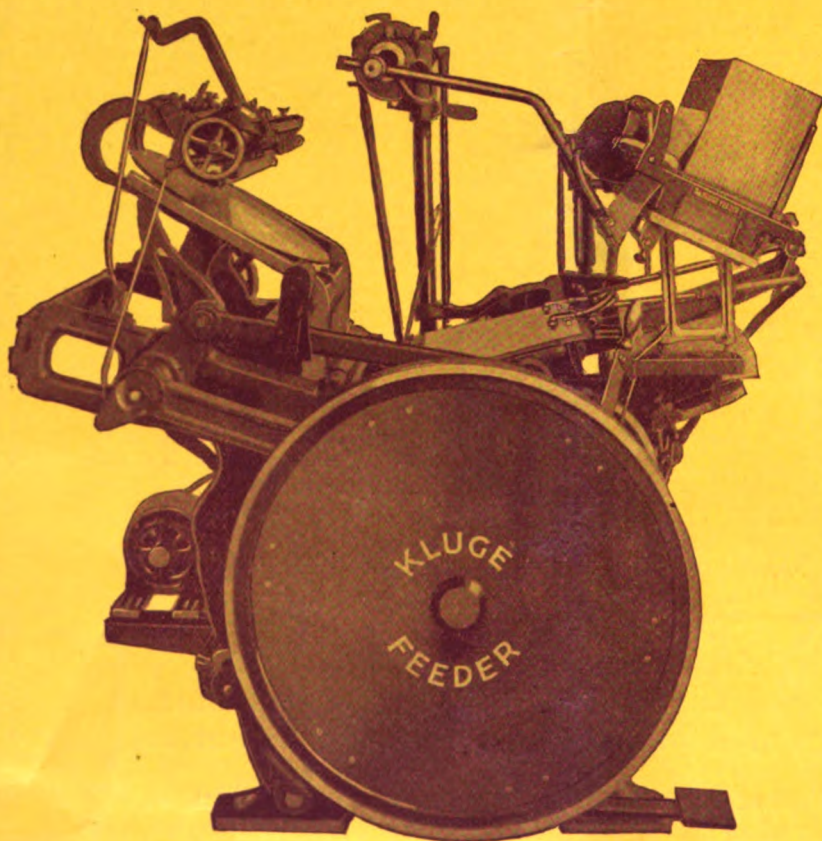
with Kluge Feeder

CROWN FOLIO 2,700

DEMY FOLIO 2,400 PER HOUR

The ideal Platen combining maximum output with ability to handle all classes of work with utmost simplicity. Suitable for long and short runs, guaranteed register and ability to print any job to full inside chase capacity.

*A Wonderfully
Efficient Machine at a
Moderate Price*



The Kluge Automatic Feeder has been specially designed and built for the C.&P. Platen and is worthy of the Machine. Different from other machines, the C.&P. with Kluge retains all important mechanical and technical features, particularly the long impression dwell and the wide platen opening, thus ensuring maximum output, and not merely speed. The Kluge Feeder enables a full size sheet to be fed and will handle a wide variety of stock including envelopes, bags, cards, thin papers, and book covers for imprinting. This speedy and efficient Automatic Platen is specially worthy of your attention and investigation.

*These Automatic Platens are now running satisfactorily in a number of
Printing Offices in Great Britain and Ireland.*

CAN BE SEEN RUNNING AT ANY TIME IN OUR LONDON SHOWROOMS

H. W. CASLON & CO. LTD.

82 & 83 CHISWELL ST., LONDON, E.C.1; and at 9 Mosley St., Manchester

APR 24 1930

"MONOTYPE" STANDS UP TO STEREO!

Millingtons for Quality Stationery

PERIODICAL ROOM
GENERAL LIBRARY
UNIV. OF MICH.

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 76

LONDON: APRIL 10, 1930

EVERY THURSDAY
PRICE THREEPENCE

The All-Automatic Rotoplane Copperplate Printing Machine

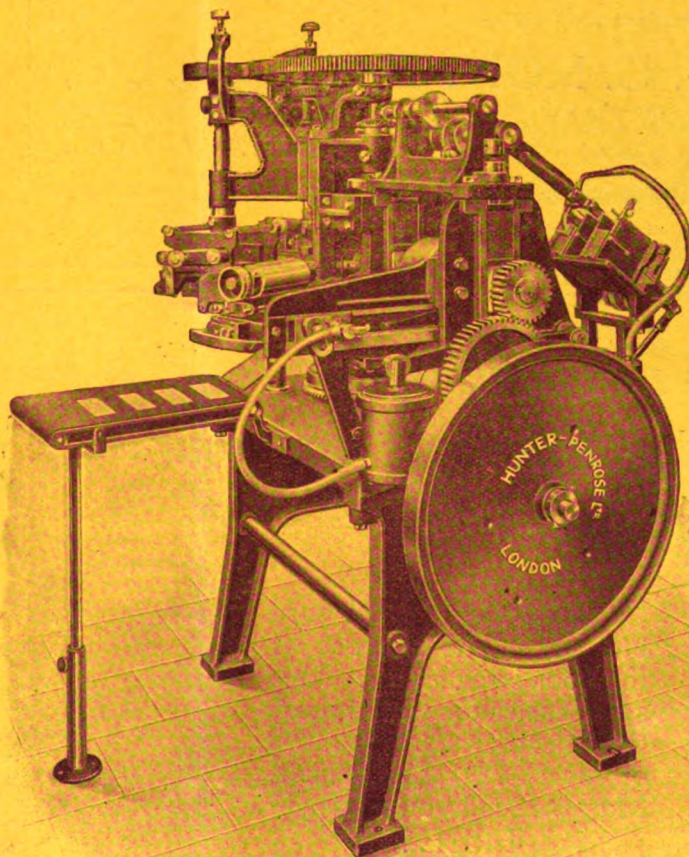
It is GUARANTEED

that in comparison with ordinary hand printing methods the fully automatic **ROTOPLANE WILL PRODUCE A WEEK'S WORK IN A DAY.**

This machine will entirely supersede antiquated and costly hand methods, and place copperplate printing on a real commercial basis which must quickly lead to a vastly increased consumption of plate printed work.

**BETTER RESULTS—
QUICKER DELIVERY**

*Let us send you
full details*



HUNTER-PENROSE LTD. 109 Farringdon Rd, LONDON, E.C.1

'Phone: CLERKENWELL 6626-9

"Fryotype" Printing Metals

WHEN STOCKS ARE LOW—Hop 4720

MILLINGTONS FOR QUALITY
STATIONERY
TOTTENHAM,
LONDON, N.16

"GRIPOLETT"

(REGISTERED TRADE MARK.)

Space Fixing, Type & Plate Cleansing Solution

GRIPOLETT keeps down all quads and saves that non-chargeable time.

Soak the Forms with GRIPOLETT when unlocked, and for rush work this can be done in the Composing Department.

GRIPOLETT answers a double purpose, it will clean your Type or Plates however corroded.

GRIPOLETT does away with ammonia and like substances now in use.

7/-

per
gallon

Carriage
Forward.

Manufactured by:-

W. G. MONNERY & CO., Ltd.,

15 & 16, THAVIES INN, HOLBORN CIRCUS, E.C.1.

'Phone : Central 4751.

ESTABLISHED 1800

The Problem Solved
of Non-Chargeable
TIME.

Send the Coupon back to-day

To: **W. G. MONNERY & Co., Ltd.,**

15 & 16, THAVIES INN,
HOLBORN CIRCUS,
LONDON, E.C.1.

Dear Sirs,

Please send us a trial gallon of "Gripolett" Space Fixing, Type and Plate Cleansing solution, for which we enclose remittance of 7/-.

NAME _____

ADDRESS _____

More Profit to you Better Envelopes for your Customers !

Good envelopes mean good business. The purpose of this book is to make envelope sales easier for you. It contains the prices and qualities of over 700 stock lines. May we send you a copy—
FREE ?



THORBURN, BAIN & CO., LTD.

The Broadwall Envelope Factory, Stamford Street, LONDON, S.E.

The British & Colonial Printer And Stationer

FOUNDED 1878 — PUBLISHED WEEKLY

VOLUME 106
NEW SERIES No. 76

LONDON : APRIL 10, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THE printing industry is having an exceptionally lean time, and, according to reports received, there is no improvement in any part of the country. It is difficult to account for the present condition of things, and it is of little help trying to account for it to a printer who is wanting work. Not for a long time has the trade as a whole experienced a first quarter of business like the one recently terminated. Unfortunately we are getting well into April, with Easter almost upon us, and still the course of trade is as sluggish as ever. When we take a survey of printers, it comes to light that there are establishments here and there—an odd one or two in every city and probably more in the south than in the north—where trade is definitely good and there is complete satisfaction with the trend of affairs. Invariably it is found that such houses have a specialised class of work which has not been caught in the depression. Chiefly, as we have said before, it is the printers whose connections are largely commercial and ordinary jobbing that have been most adversely affected by the unhealthy condition of industry and commerce.

PRINTERS' insurance is a subject of profound business importance, which does not always receive the close consideration it deserves. Too frequently discussions on insurance are summarily terminated as being useless time-waste on unnecessary and unproductive expenditure. There is no doubt that as an item of expense insurances of one sort or

another do constitute a total calculated to be disturbing when viewed as money wasted. There may be cases where saving might be effected by a judicious overhauling of insurances. Many firms do not realise the rebate that can be secured by filling certain requirements as to precautionary equipment. Some firms pay far too high a premium because of local circumstances or some particular risk for which they themselves are not responsible. Others overlap their cover or take excessively high cover in a vain hope that if anything happened—and so forth. There is one thing to observe and it is that when anything happens the amount recoverable will not come as a present to replace and start anew with an equivalent bulk of brand new, bang-up-to-date equipment.

* * *

It may not have occurred to every printer that the foundation-stone of a large part of insurance is the inventory. If there is no inventory the difficulties in the way of correctly calculated totals for insurance are only surpassed by the enormous obstacles that will fall in the way of settlement if there comes an event which makes claims necessary. Further, if there is no current inventory, the classification of and itemising of building, plant and contents becomes almost impossible. Many a difficulty has been encountered where goods in trust (customers' property) provided an unrecognised factor. And there are certain stipulations by several insurance companies regarding goods in trust, which call for study in close

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detail. Most printers hold plates, blocks, goods in stock, and partly finished work which is the property of their customers.

* * *

ESPECIALLY do we find, on discussing this subject of insurance, that although apparently covered for fire, the printer has no cover for consequential loss. In short, although the printer realises that a fire might happen, and accordingly covers himself against that eventuality, he does not logically conclude by appreciating that if a fire does take place there will be an aftermath against which he must also be covered. The cost of insuring against consequential loss is relatively low, and depends upon the period of cover. Without going into detail, which any printer can easily discover for himself, our point is that if a fire should happen, a consequent disruption of business must happen also, and unless some provision is made, or unless the printer is blessed with ample financial resources, the effect of a fire might very conceivably put him out of business, or at least subject him to the ordeal of commencing to build again from almost the very start.

Modern Art and Typography

Ugly, freakish tendencies in modern art and typography were condemned by Mr. Leonard Horne-Norman, speaking at the monthly meeting of the British Typographers' Guild on Tuesday last week at St. Bride Technical Library.

It might be wondered, said Mr. Horne-Norman, why a typographer should concern himself with art, but by the rules of the British Typographers' Guild, they, as members, were expected to have amongst other qualifications a knowledge of the seven principles of design.

Just after the War, art began to acquire a juvenile or barbaric character. It had steadily become worse. The draughtsmanship of the moderns was inferior even to that of the primitives—the perspective being on the level of that of the Chinese artists, and the colouring as crude as the Ancients' colouring. The canker had eaten into advertisements, showcards and posters until design had now become a chaotic jumble of meaningless shapes.

So contagious had the disease become that the type-founders had been smitten, and a tide of modern type-faces had swept in to tie up with the alleged modern art. Most of the blame for the present state of affairs lay at the feet of the commercial artist, who had carried the germ of disease from a crowd of "Bright Young Things" fresh from the Continent, who for want of something better to do had started being different. The disease had spread, and now typography had become affected.

As for the modern type-faces, some were quaint, but where by their grotesque shapes they became unreadable, they were useless. The modern typography was peculiar not for simplicity or legibility, but for its geometric aspect. All modern designs might be described as geometrics, and much of modern typography was read because of its novelty—when the novelty waned, what would go the geometrics.

Mr. Horne-Norman's address was profusely illustrated by specimens of posters, showcards, etc., and was enthusiastically applauded.

Personalia

MR. C. H. ST. JOHN HORNBY is to preside at the 103rd anniversary festival of the Printers' Pension Corporation at the Connaught Rooms on November 12th.

MR. CHARLES H. CRABTREE, chairman of the well-known firm of printing machine manufacturers, R. W. Crabtree and Sons, Ltd., of Leeds and London, was the principal speaker at last week's meeting of the Leeds Publicity Club, when he gave valuable information relating to Britain's trade in overseas markets. Mr. Crabtree said that in the printing machine making works of New York, Chicago and Cleveland, he saw nothing superior to what he had seen in this country, although the men undoubtedly worked at a greater speed than our workers.

MR. GEORGE M. SADLER, J.P., having retired from the position of secretary to the Nottingham Printing and Kindred Trades Federation and the local J.I.C., is being honoured to-day (Thursday) at a dinner to which the Lord Mayor of Nottingham (Councillor W. Wesson, who is an executive member of the Typographical Association) has invited members of the trade at the Council House.

MISS G. V. WOODMAN, managing director of the Fisher Bookbinding (1912) Co., Ltd., has written a booklet in which she deals informatively with the relations between the bookbinder and the printer. In this well-produced booklet Miss Woodman, in the course of "Twenty-two Precepts for Printers," seeks to explain how the printer can help the bookbinder with co-operation which will result in improved workmanship.

MR. EDGAR E. STARKE, the publisher since 1907 and a director since 1923, of the *Hardware Trade Journal*, has been presented by the proprietors, Messrs. Benn Brothers, with a grandmother clock, on the occasion of his silver wedding. From the staff Mr. Starke received a silver cigar and cigarette box and other gifts.

MR. W. S. ROBINSON, the managing editor of the *Yorkshire Observer* and associated papers, has joined the staff of the *Daily Chronicle*.

MR. W. LONGMAN has been elected president of the Publishers' Association, and Mr. G. C. Rivington vice-president.

SIR ROBERT BRUCE, the editor of the *Glasgow Herald*, will receive the hon. degree of LL.D. next month from St. Andrew's University.

SIR CHARLES HIGHAM has been receiving many congratulations upon the attainment last week of the twenty-first anniversary of the founding of his publicity business.

MR. RONALD HENDERSON, who since 1919 has been associated with his brother, Mr. J. D. Henderson, in the business of John D. Henderson and Co., paper agents and contractors, 59 and 60, Old Bailey, London, has now been admitted into partnership.

CAPTAIN NOEL V. BOWATER has been elected captain of the Paper Trade Golfing Society for the ensuing year, Mr. E. H. Raynham hon. treasurer, and Mr. William Oliver hon. auditor.

MR. GEORGE H. CARTER, Government Printer of the United States, has had assigned to him a special police guard, in answer to three "death threats" which he said he received because of his assertion that gambling and boot-legging were rampant in the vicinity of the Government Printing Office.

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Scottish Master Printers

Alliance Annual Meeting

The nineteenth annual general meeting of the Scottish Alliance of Master Printers was held in the North British Station Hotel, Edinburgh, on Wednesday, March 26th. Mr. John Wylie, Glasgow, president, occupied the chair.

USEFUL YEAR'S WORK

The annual report by the executive board was submitted. The report briefly shows the useful work performed by the board throughout the year. Reference is made to the negotiations carried on by the Negotiating Committee with the Scottish Typographical Association and the National Union of Printing, Book-binding and Paper Workers for a set of rules to govern the working conditions of auxiliary workers. The value of Conciliation Committees, national and local, is emphasised. Reference is made to the young master printers and the successful gathering which they held at Turnberry during the year. A statement is given of the arrangements being made by the Scottish Alliance for the members of the Federation who are expected to attend the annual meetings in Edinburgh in June. Attention is drawn to the interest taken in technical education, the Joint Industrial Council and other activities. The costing committee of the Alliance have held classes in Aberdeen, Dundee, Edinburgh and Glasgow throughout the year, and twenty-five installations and revisions of the Federation Costing System have been carried through.

Mr. Wylie, in moving the adoption of the report, referred to the principal items.

Bailie Blackwood, Dundee, seconding the adoption, said that provincial printers, as a rule, were very critical, but they were satisfied when they listened to a record of work such as the executive had put through. He expressed the pleasure provincial printers throughout the country had in receiving a visit from the president of the Alliance and the chairman of the Costing Committee.

The accounts and balance sheet for the year were submitted and approved.

Mr. William Maxwell, president of the Federation, mentioned the chief subjects that would be discussed at the cost congress, publicity and selling congress and the annual general meeting of the Federation.

THE NEW PRESIDENT

Mr. Theodore Watt, M.A., Aberdeen, was appointed president of the Alliance for the ensuing year, and on taking office he expressed his appreciation of the honour which had been done him in that this was the first time that the Alliance had gone outside the cities of Edinburgh and Glasgow for their president.

On the motion of Mr. Watt, Mr. Wylie was appointed an honorary president of the Alliance.

Mr. Robert Kilpatrick, of Messrs. T. and A. Constable, Ltd., was appointed vice-president, and Mr. Walter Dickson, Edinburgh, was appointed honorary treasurer.

Mr. F. H. Bisset, secretary of the Federation, thanked the meeting for giving him an opportunity of speaking to the Alliance, where he had formerly been secretary. He said he had no difficulty in appreciating the extension in the work of the Scottish Alliance since he was last in touch with it. He had found the same thing in the Federation, and he pro-

ceeded to mention the multitude of questions in which the Federation gave service to individual members.

A PRESENTATION

Mr. Robert Wilson, on behalf of the members of the Alliance, presented to Mr. Wylie a gold watch suitably inscribed and a diamond ring for Mrs. Wylie. The two strenuous years which Mr. Wylie had spent in office were, he said, only the culmination of a long series of years' service to the printing trade in Glasgow and in Scotland. Lucky was the man who was able to say that he had served his own day and generation. Mr. Wylie from his personal association with the institution of the Stow College had done personal service to the present generation, also to the generations that were to come and that was a very unique distinction.

Mr. Wylie suitably replied. He expressed his appreciation of the courtesy and kindness which had been shown to him during his period office by members in all parts of Scotland.

South-West London M.P.A.

Annual Meeting

The annual meeting of the South-West London Master Printers' Association was held on Tuesday last week at Arding and Hobbs' Restaurant, S.W. The president, Mr. E. J. Pegg, occupied the chair, and there was a very good attendance of members.

Mr. A. Spring (hon. treasurer) read the statement of accounts, showing a satisfactory year's working, and it was unanimously adopted.

The committee's report for the year, presented by the hon. secretary, Mr. Fred. A. Chivers, commented favourably on the series of lectures which had been delivered at the monthly meetings of the Association, and also on the social functions which had taken place during the year. The committee placed on record its appreciation of the splendid work of Mr. E. J. Pegg, the president, in which he had been ably supported by the vice-president, Mr. J. H. Quinn. Cordial thanks were also tendered to all the other officials who had in various ways furthered the interests of the Association. An improved attendance at the monthly meetings was also recorded with pleasure.

The report was unanimously adopted, the thanks of the meeting to Mr. Chivers for his splendid work as hon. secretary being placed on record. As in former years it was decided to circulate the report to all printers in the S.W. district.

In his presidential address, which followed, Mr. Pegg thanked the members of the committee for their support during his two years' presidency, and spoke appreciatively of the co-operation which had been extended to him by the whole association.

Mr. F. E. Tacey, in thanking the president for his excellent work in the interests of the Association, paid striking tribute to Mr. Pegg's personality and devotion to his duties.

On the proposition of Mr. Pegg, seconded by Mr. F. E. Tacey, Mr. J. H. Quinn was unanimously

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It is inadvisable to use the "LIGHT-AUTO" on the second impression cylinders only, as the difference in the feed of the paper from the rough surface of ordinary felts on the first impression to the smooth surface of the "LIGHT-AUTO" on the second impression may cause the paper to slide and blur.

Generally speaking, good printing is only possible when the cylinders are travelling in perfect unison, when they will maintain their equality for an indefinite period. This condition is attained with the "LIGHT-AUTO," as the surface of the blanket is substantially wear-resisting. The only effect of continued use is the natural compression of the felt, and experience proves that this is almost negligible.

The effect of printing from the "LIGHT-AUTO" is different from that by any other method. With the old style felt blanket, the paper, in passing through the machine, is gripped by the plates and felts. Any variation in impression or plate thickness causes a variation in sheet feed. The "LIGHT-AUTO" does not allow the paper to bed into the blanket. The surface is such that the sheet travels freely and cleanly over it, making the sheets draw perfectly under all conditions. An absence of wear on the plates is noted, and the blankets, being oil and ink proof, are not affected by atmospheric changes or machine-room conditions. The "LIGHT-AUTO" surface will not peel or crack, and frictional wear is prevented.

The nap of the felt blanket being laid down and held by the surface coating gives "LIGHT-AUTO" a smooth surface unequalled for good printing.

"LIGHT-AUTO" is guaranteed to give full service and tympan is quite unnecessary.

The blanket surface being non-absorbent, less ink is required and better results are obtained, as there is no offset, the last prints being as clean as the first, no matter whether the edition is 1,000 or 100,000.

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elected president of the Association. Warmest thanks to Mr. Quinn for his work as vice-president, and cordial wishes for his success as president were expressed, and Mr. Quinn suitably responded.

Mr. G. Rangecroft was unanimously elected vice-president on the proposition of Mr. Spring, seconded by Mr. Wise, and the other officers were re-elected as follows: hon. secretary, Mr. F. A. Chivers; hon. treasurer, Mr. A. Spring; committee, Messrs. F. H. Cole, W. R. Hitchcock, G. B. Joyner, W. L. Mead, H. A. Robertson, C. H. Robottom, T. McColl Weir, H. V. Wiles.

Messrs. J. H. Quinn, A. Spring, and F. E. Tacey were appointed representatives on the L.M.P.A. Council, with Mr. Fred. Chivers as deputy representative.

The meeting closed after the discussion of several other business matters.

Bradford Municipal Printing

Trade Unions' Attitude

Commenting on the recent decision to hold this year's annual convention of the Joint Industrial Council in London, instead of in Bradford as previously arranged, the *Printing Federation Bulletin* states:—

"The Bradford Council is proposing to establish a municipal printing works, as has been done in a few other towns, and the local master printers are doing what they can to oppose the movement. We believe that legal opinion has been taken on the question, and certainly a lot of correspondence has passed through the local newspapers.

"The master printers are, of course, entitled to do what they can to retain the Council's printing work. We suppose that it is worth keeping, although we have been told on certain occasions that it is so keenly cut in prices as to be almost unprofitable. If it is taken into account that municipal bodies have the right to own electricity plants, tramways, motor omnibuses, and even amusement palaces, why not printing works?

"Whether or not it is in the public interest to extend the activities of municipalities in this manner is a question of political importance. But it so happens that many members of trades unions and workers' organisations favour the policy, and in Bradford there is a sufficiently large number of Councillors who do so, otherwise the proposal would not have been made. Certainly it is not a matter upon which the District Committee is in agreement, notwithstanding it was unanimously decided to request the Joint Industrial Council to find some other venue than Bradford for its Annual Convention.

"The fact is that local feeling on the question is running high, and it is thought the present is not a fitting occasion for the Joint Industrial Council Convention to meet in Bradford. We hope that it will not be taken as an indication that the workers' panel of the Joint Industrial Council is in principle opposed to the setting up of municipal printing works. It has never been made a subject for discussion by the Council, let alone agreement; but in view of the very courteous request of the District Committee to be released from the invitation to go to Bradford, the Council was bound to do so."

Printers' Managers and Overseers

London's Early History

Members of the Printers' Managers and Overseers (Parent) Association had their thoughts turned a long way from present-day printing problems, when they met on Tuesday of last week for their April meeting. The gathering—at the Old Bell, Holborn—enjoyed an informative paper by Mr. W. Wilson, a member of the council, on "Fragments of London History." The president, Mr. A. T. Walters, was in the chair, supported by the vice-president, other officers and council members.

In the course of preliminary business, the following four candidates were elected into membership of the Association: Mr. F. H. Flower (Amalgamated Press, Ltd., Gravesend, assistant manager); Mr. A. Lidbury (Messrs. Logan Fisher Co., Ltd., Boundary Lane, Walworth, S.E., overseer, letterpress machine department); Mr. H. Sillick (Courier Press (London), Ltd., 10, Gough Square, Fleet Street, E.C.4, general manager); Mr. J. F. Sizer (Messrs. Howard Jones, Roberts and Leete, Ltd., Bermondsey Street, S.E., overseer, lithographic department). All were present and received a cordial welcome from president and members.

It being necessary to elect an auditor, the names of Messrs. G. H. T. Freeman, S. A. Dawson and J. H. Fisher were put forward. A show of hands resulted in Mr. Freeman's being elected.

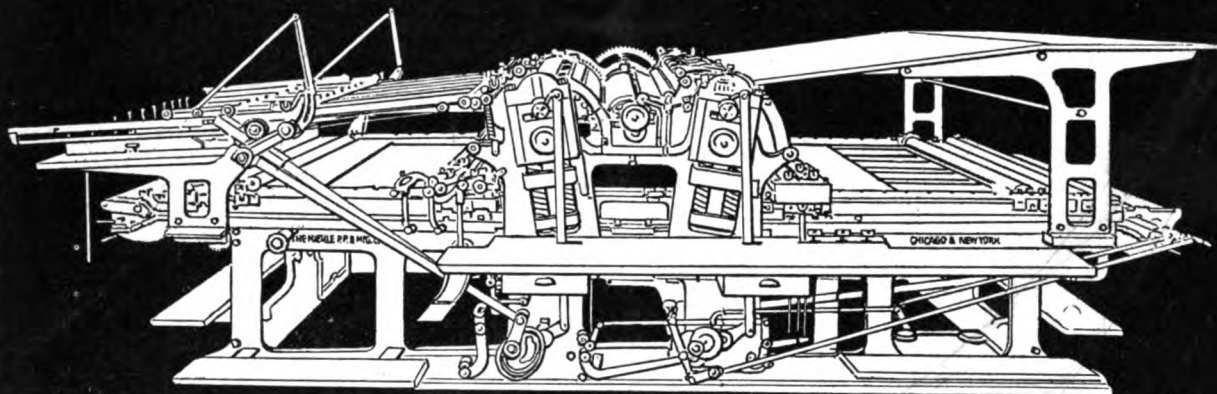
Called upon for his address, Mr. W. Wilson proceeded to take the thoughts of his hearers back to those far-off days when there was nothing of London but its site, a very promising site for a settlement being offered by the high ground which overlooked the broad expanse of waters where the river Fleet poured itself into the Thames. He told of the first dwellers upon this site, and of their giving their settlement a name which was later modified by the Romans into Londinium and eventually abbreviated into its present form. He told of the Roman conquerors, their great wall, their roads and other works, and the strange fact that since their departure the passing of the years has left remaining little trace of their presence and activities, relics being but few and fragmentary.

Skipping what is apparently a remarkable blank of about two centuries in the city's history, Mr. Wilson went on to tell of the coming of the Saxons and the heritage they brought of architecture and place-names; next of the Danes and their victory over the Saxon inhabitants; and then of the Norman conquest, which brought William of Normandy to be crowned at Westminster, gave London its first charter, laying the foundations of the present system of municipal government, and gave it also its famous Tower which still largely preserves its Norman character.

The historical outline was made the more interesting by the inclusion of many details of architectural interest and some vivid indications of the social conditions of the past.

The president, having spoken in high praise of Mr. Wilson's paper, many members were eager to have something to say. Those who took part in the discussion included Messrs. C. J. Gray, R. H. Berry, G. A. T. Presslie, G. H. T. Freeman, A. E. Jarvis, S. Wells, S. A. Dawson, E. H. Berryman and E. W. Whittle, the vote of thanks being proposed by Mr. A. H. Wilson and seconded by Mr. J. H. Fisher. Several of the speakers brought forward interesting and amusing

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personal recollections, and more than one speaker urged that Mr. W. Wilson should be asked to give a further paper at no distant date, when he might recall something of London's history in later ages and touch on the development of its printing industry.

Binders' Overseers Association

Members Discuss Mr. Riddell's Report of His Visit to America

The April meeting of the Printing, Bookbinding and Binders' Trades Overseers Association was held on Tuesday, last week, at St. Bride Street, Bride Lane, E.C.4. The president (Mr. J. A. Esler), supported by the vice-president (Mr. Maurice Hunt), presided over a good muster of the members.

The minutes having been disposed of, the following candidates were elected to membership, the chairman extending to each a warm welcome: Mr. James Roe to honorary membership (manager, Messrs. North British Bookcloth Co., Manchester); to ordinary membership, Mr. J. Kirk (overseer of the binding department, Messrs. Geo. Marshall and Co.); Mr. Arthur S. Leeson (overseer of the warehouse and paper department, Messrs. J. Miles and Co.); Mr. Edward W. Lord (overseer of the ruling department, Messrs. J. Evershed and Co.).

The members next considered the allocation of their votes for the Bookbinders' Cottage Home and the Printers' Pension Corporation. Votes for the former organisation belonging and given to the Association amounted to 1,776, all of which were allocated to Mr. W. Ville, who is making application for the pension and who is one of the founder members of the Association. It was decided to hand over the votes for the Printers' Pension Corporation to Mr. J. Dixon for distribution as he thought most suitable.

The correspondence submitted included a letter from Mr. Thos. Goddall, which contained an invitation to the Association to visit Jackson's Millboard and Paper Mills, Ltd., at Bourne End. The invitation was very cordially accepted, a Saturday in June being suggested for the event.

Following many laudatory remarks regarding the Association's annual dinner and those responsible for it, it was agreed to hold next year's annual dinner on April 25th, providing no earlier date could be secured.

The meeting next discussed the report of the visit of Mr. J. R. Riddell to Canada and the United States.

Mr. J. A. Esler, in opening the discussion, said that he was rather disappointed with the report in that it contained so little about bookbinding. Mr. Riddell stated that one firm in the States was able to produce 11,000 volumes a day. He knew of an instance in this country where 75,000 volumes were produced in a week. Mr. Riddell, in his report, spoke of the use made of the Complete Binder in the States. He (Mr. Esler) knew of houses using that machine in this country. One thing that was of much interest was Mr. Riddell's talks on craftsmanship. According to Mr. Riddell, good results were secured by American binders and printers on the perfect machinery that was almost everywhere in use. They in this country were expected to get good results on imperfect machinery. An interesting statement was that Englishmen or Scotsmen were engaged on the highest class work or

in control in many of the factories. There seemed from the report very little to be learned from America, unless it were on the question of factory organisation.

Mr. Harry Young, who spoke as a printer, remarked on the fact that the American was given more space in which to work, whereas they in this country were cramped. Another thing that gave the American printer an advantage was that he worked to standard conditions of temperature and atmosphere, maintained by the introduction of special equipment to control the humidity and the temperature. The American also paid more attention to apparatuses made for the purpose of eliminating make-ready. These should certainly be introduced into British factories, and it was surprising they were not. Mr. Young demonstrated several of his points regarding superior printing and binding with the aid of copies of the *Saturday Evening Post* and the *Ladies Journal*.

Mr. Arthur Cox was of the opinion that Mr. Riddell's report was a most interesting one. However, he remembered that some time ago the American Public Printer, in a report, drew attention to the fact that American factories were often cramped for space. The American Public Printer also deplored the large number of young people that came to him for employment who were sadly lacking in education.

Mr. Hess, who visited the States some ten years ago, spoke of America as "a very nice place provided you do not live there."

Mr. Esler said that in spite of the differences of opinion that existed with regard to English and American printing, Mr. Riddell had, by his report, placed the industry under an obligation. Whatever else might be said in regard to machinery and methods in America, they in this country were still to the fore in true craftsmanship.

Stereotypers' Overseers' Meeting

The April meeting of the Electrotypers and Stereotypers Managers and Overseers Association was held on Thursday last at St. Bride Institute, Bride Lane, E.C.4, Mr. A. Chadwell (president) being in the chair. After some very brief Association business, Mr. Frank Colebrook gave an interesting talk on "Drake's Drum: Its Rally in Our Present Peril."

Mr. H. E. Evans, on behalf of himself and Mr. G. Turner (who jointly occupied the chair at the recent Stereotypers Auxiliary concert) thanked the Association and its president for the generous support given to their efforts.

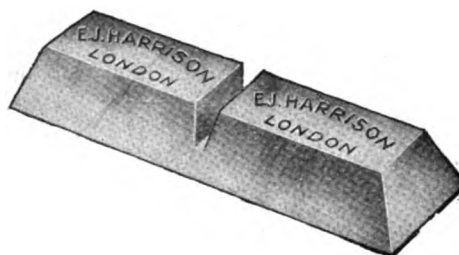
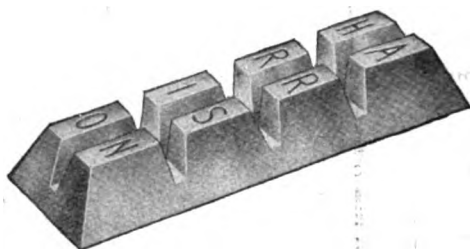
The chairman congratulated Messrs. Evans and Turner on the results of their labours.

Mr. Colebrook, in his usual interesting manner, touched on several phases of the unemployment problem in this and other countries. With regard to this country he preferred not to adopt a pessimistic attitude as to its solution, in view of several reassuring facts. He was a strong advocate, he said, of the International Labour Office at Geneva in trying to bring labour conditions prevailing in other countries up to the standard of those in this country. The formation of industrial councils was another way in which the smooth running of industry could be advanced.

Mr. Chadwell, proposing a vote of thanks to Mr. Colebrook, referred to the activities of the late Mr. George Naylor in bringing about co-operation in trade electrotyping shops.

Mr. W. Bullett seconded, and the vote of thanks was very cordially adopted.

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The Printer's Machine-Room

Some Principles of Make-Ready

For several centuries the term "make-ready" has been used to comprise various operations that are necessary after the forme has come to press, before the finished work is ready for running on. No matter what process is used, a certain amount of time has to be spent in preparation before the press can be started up for running. However, as letterpress printing is still the most important method of the graphic arts, we will here confine our remarks to that field. Perhaps it will be well to differentiate the several operations that come under the general heading of "make-ready."

TYMPANNING

First of all, there is the preparing of the cylinder—or "tympanning," as we will call it, so as not to be misunderstood should we refer to a platen type of press.

For a very long period the old blanket system was used, because in the huge majority of cases only short runs were required. But, with the change of requirements in the quantity now produced, the wear of the type caused by the old method was found to make that method unsuitable and expensive.

In changing over from the old method of blanket tympanning to the hard-packing method, it was found that the machinery was insufficiently capable of resistance for the necessary impression. Therefore, more powerful machines, more accurately built, followed.

During the last twenty years the wonderful developments in the engineering world have brought a new era of machinery; the accurate machines now available to printers eliminate most of the time spent on make-ready, for the simple reason that the machines will now render a service of which none of the old machines was capable.

Naturally, the machines are now much more expensive to buy, but they are much less expensive to run if they are given credit for the additional output commensurate with their qualities.

With the development of engineering came the need for greater attention to the *height-to-paper under printing contact* of all types and blocks.

HEIGHT-TO-PAPER

Realising that the minder must adjust his impression according to the requirements of the surface from which he is to reproduce, also bearing in mind the quality of stock upon which production is to take place, many printing firms required their minders to take out of the forme the blocks which had not previously been attended to, so that they might be adjusted to the necessary printing height. This, in reality, meant that the minder was given many times the necessary amount of work to do—a thing that ought never to happen, and that would not happen if the minder were allowed to prepare the blocks before they entered the composing department for inclusion in the forme.

To-day it is possible to test, under printing contact, every piece of material that is to comprise the forme to be printed, and thus allow any necessary adjustment to be made before the compositor places the material in his forme. Moreover, it is well known

that the contact will also require adjustment in accordance with the ink and the stock to be used. Further, in regulating the amount of impression, it is also necessary to make allowances in accordance with the surface area to be reproduced. This is really a part of the make-ready process.

FACTORS CONTROLLING MAKE-READY

In order that we may obtain a better grasp of how and why make-ready must vary under varying conditions, let us remember the following facts, which will serve as a guide for further developments. If we wish to reproduce from a line block of very open design and we are working in a modern office with the latest appliances available, we shall find that even for the best machinery that we have in existence to-day, the practical craftsman would arrange for his block when tested under the gauge to be from 3 to 5 thousandths (.003 to .005) of an inch *below* type-high; whilst, on the other hand, if the same person were gauging a half-tone block of the same size with a fairly solid surface, the position would be reversed and he would arrange for that block to be from .003 to .005 *over* type-high.

From these examples it will be realised that the practical craftsman has deliberately differentiated between those two blocks for some specific reason, that reason being to allow for the difference in the amount of impression necessary to reproduce clean and sharp results from both blocks when they come into contact with the fairly hard-packed cylinder machine.

When the forme, with these blocks, together with the type matter, arrive at the machine, the minder, in making-ready, will probably have still to take away on his first make-ready sheet a further .003 inch or .004 inch from the line block and will probably have to put another .005 inch to possibly .010 inch more contact pressure on the half-tone. The reason for this is that less pressure is required for a light line block than is required for a heavy half-tone block, and, as there must be a small amount of space between the sheets used as tympanning, we shall find that the cylinder under contact pressure from these two blocks will be maintaining the nearest approach to its normal peripheral speed, which will thus allow the best production that can possibly be obtained.

To bring out the best result from a half-tone illustration, a reduction of the impression on the high lights as compared with the pressure on the solids will also improve our results.

If the above-described blocks and forme were to be produced on a fine rolled cartridge paper instead of the usual art paper, the varying pressure of contact between the solids and the high lights of the half-tone would need to be much more than indicated in the measurements given above; also more deeply etched blocks would be necessary.

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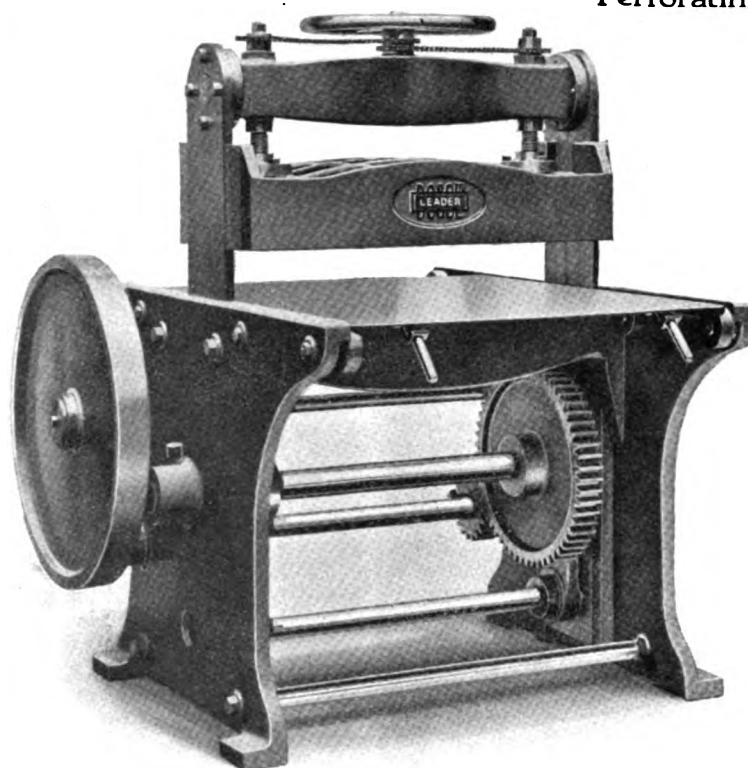
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Craft Questions Answered

Printing Crafts Guild Discussion

At the College of Technology, Manchester, there was a resuscitation of "An evening set apart for questions and answers on trade subjects," when some of the difficulties daily met with in the printing trade were elucidated by the following members:—Messrs. John Taylor (president), Jas. W. Worthington, J. M. Galbraith, H. Hague, Chas. Doughty, A. R. Webb, J. T. Shelmerdine, Lionel Cowan, and the hon. secretary.

RED INK BRILLIANCE

The first question put to the meeting was: "Why does a red ink job appear more brilliant when printed from stereotypes or nickel plates than it does when printed from copper plates?" It was stated that 95 per cent. of present-day reds are produced from coal tar, and that the defect did not occur to the same extent as when manufactured from opaque colours, such as pure vermilion. Stereos, when not nickel-faced, did not give the same brilliancy of red, nor did any printing surface of a similar metallic nature. Red inks worked on electros or other copper surfaces underwent a distinct change in tone, and that was due to chemical action of the ink on the copper facing of the block. All such printing surfaces should be nickel-faced when red was the colour required for printing.

Some points were next elicited in respect of water-colour printing. Recent issues of the *British and Colonial Printer* have dealt with this subject.

NUMBERING MACHINES

Type-high numbering machines, it was stated, caused difficulty in printing when the compositor used too much pressure in locking up, thereby bringing compression on the springs and locking of the wheels. The pressman when making-ready should ignore the machines until all was correct for running. He should then pay attention to the numbering machines by patching up the figures to show a perfect print, afterwards adding paper to his make-ready sheet to give sufficient pressure to the plunger until it correctly released the next figure whilst taking an impression. In some cases where long runs were concerned and the plunger did not permit of perfect inking, the rollers were cut away where the plunger would come in contact. Sometimes the pressure of the roller springs deranged the numbering machines, and in such cases special springs with less tension overcame the difficulty.

ADVERTISING

In regard to printers' own advertising, it was said that some years ago an employers' association in the North decided upon an advertising campaign, but after the first "splash" did not proceed further. However, one optimistic member, disagreeing with the lackadaisical policy of the others, continued publicity on his own account. His printing house was now running at top speed whilst some of his colleagues were workless.

DAMAGED LETTERS

Many faces of types, particularly those with fine lines, were damaged at the first distribution, if the compositor threw down the characters into the various boxes, instead of running his hand closely over the case and allowing the letters to lightly fall into their respective boxes. Another cause was the violent shaking of cases to level up the contents instead of gently using the fingers to spread the letters over the space in each box. A suggestion was made that a compositor standing at

a frame should be able to draw out a small tray—about three inches, front to back—and any letters he failed to grip could fall on the wooden tray without damage, instead of falling on to the floor and getting trampled upon.

LOCKING-UP FORMES

Why do many pressmen persist in unlocking every forme that they put on to the flat-bed machine? It is an insult to the intelligent and careful compositor. Some accurately imposed and locked-up formes are put out of register by the pressman's interfering with the quoins. Large formes, in places where there are no means for sliding from imposing surface to the bed of the machine, are sometimes locked up more firmly and require easing when placed on the bed of the machine. Many pressmen spring formes by letting them fall on to the bed of the press instead of laying them gently down.

DISTRIBUTION

It was suggested that for an office employing less than ten men, all compositors should distribute, according to circumstances, but where there were more than ten compositors a capable person should be set apart to do all the distribution. Some years ago, at one large London office, there was a rule that every compositor should distribute from 8 to 9 each morning, but it proved a failure. Not every craftsman is of the same calibre, and the most reliable hands should not be put on distribution when they could be doing intricate work that another compositor could not tackle. Not only so, but a compositor who has been distributing wet types finds his fingers are not sufficiently sensitive when required for accurate display handsetting.

WEE MAC.

Trade Litho Progress

Evidence of progress in the trade litho field is provided by the fact that the well-known trade litho and designing house of Hubners Limited has taken large premises in Clerkenwell Road, facing Hatton Garden, where in future all their work will be carried out. Established 28 years ago by Mr. P. P. Hubner, the firm has steadily grown, and, although the founder is not alive to witness the advancement, his three sons are continuing the business in a manner which printers cannot but admire.

Messrs. Hubner undertake all classes of lithographic work, specialise in colour photo-offset, and are reputed for the high-class designs and sketchwork they turn out—not forgetting the unique service which they are able to give the master printer at really competitive prices. Their good work and service has earned appreciation, and we wish them every success in their big step forward.

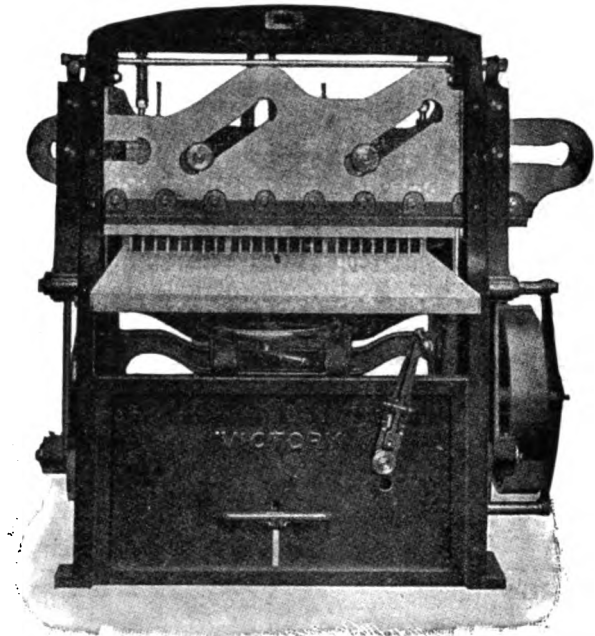
SHEETS of three more months—April, May and June—have been issued for use in the Lanston Monotype calendar for 1930. They very tastefully exemplify three attractive type-faces, Monotype Blado, Monotype Centaur, and Monotype Bembo—the last-named being the newest Monotype old-face type, a revival of a face produced by Aldus Manutius.

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Printers' Medical Aid Association's Annual Meeting

The twenty-second annual general meeting of the Printers' Medical Aid and Sanatoria Association was held in the Library Memorial Hall, on Monday of last week, the Rt. Hon. C. W. Bowerman, J.P., M.P., presiding.

The committee's report was dealt with in detail, particular items of interest being the number of benefits granted. No less than 8,912 orders for spectacles were issued during the year; 2,507 surgical appliances provided; hospital letters issued numbered 1,592; 23 members were afforded massage, radiant heat, and electrical treatment; specialist advice was granted to 18 members; sanatoria treatment was afforded in 14 cases in the early stages of tuberculosis; and 249 members were sent to convalescent homes, of whom 224 were accommodated at the P.M.A. Home at Hastings. Grants in aid of convalescent and hospital expenses were made to 90 members and amounted to £243 19s.

A detailed report was read of the prolonged proceedings whereby the sum of £500, and a guarantee of an additional sum of £200, had been obtained from the previous secretary in respect of his deficiency.

The Hermitage Home report showed that 1,134 patients were accommodated during the year, and that as the Home was now being recognised as one of the best on the south coast, the accommodation now required by their own members was fully taken up by paying visitors. Extensive alterations and decorations were being undertaken which, when completed, would not only add to the value of the premises but make for the comfort and pleasure of the residents.

The chartered accountant dealt with the financial statement which showed that the excess of income over expenditure on the general account, including the sum of £500 previously referred to, amounted to £1,692, and the excess of income on the Home account amounted to £1,233. All the outstanding liabilities for 1928 had been paid off, and there remained a balance in hand of £1,311. He expressed his pleasure at being associated with the P.M.A., and said the recovery in the financial position of the Association was very creditable to the work of the officers and committee during the past year.

The report and accounts were adopted unanimously.

Fourteen members of the committee offered themselves for re-election and were elected *en bloc*. The two vacancies were filled by the election of Mr. J. Daly (L.S.C.) and a representative to be appointed by the Amalgamated Litho Society.

Mr. Herbert Gimson, C.A., was again appointed to audit the accounts for the ensuing year.

This closed the business, and in reply to a vote of thanks for presiding, Mr. Bowerman expressed the great pleasure he always felt at being associated with the work of the P.M.A.

THE *Cape Argus* newspaper (South Africa), is increasing its sales so rapidly that additional machinery, which includes a super-speed press capable of producing 40,000 copies an hour, has been ordered. Messrs. R. Hoe and Co. are manufacturing this machinery, and an early delivery is expected. It will also involve the erection of a new stereotyping plant by the same company.

Aberdeen Printing School

A record enrolment of pupils during the past session was mentioned by Mr. Theodore Watt, in presenting the prizes on a recent evening to the printers' evening classes in Marywell Street School, Aberdeen.

Mr. Watt, who is chairman of the Advisory Committee of the Education authority, said the printing class was now remarkably well equipped with plant in all its departments, so that they were able to give first-class instruction. For the session just closed they had had an enrolment of eighty-four pupils as against seventy-five in the previous year and sixty-one for the year before. The average attendance had been seventy-seven, or 91 per cent., which was very good indeed.

The prizes were awarded as follows:—

English—Compositors' junior section—James S. Marr (second year); senior section—George J. S. Mann (third year).

Case room—First year—Theory—Angus Lemon; practical—George Angus; second year—theory—David Rutherford; practical—Henry Allan; third year—theory—George J. S. Mann; practical—Thomas Band; fourth year—theory—James Stephen; practical—Joseph Brown.

Letterpress machine room (first and second years combined)—Frederick Grant; third and fourth years combined (William Smith prize)—James Middleton.

Lithographic room (first and second years combined)—Norman Lovie; third to seventh years combined—junior machining—George Mutch; senior machining—William Stuart.

WINDOW DISPLAY COMPETITION.—Messrs. Samuel Jones and Co., Ltd., are promoting a Nulli Secundus window display competition, the object being to make these stationery products more widely known and to increase the interest of stationers in them. The display will take place between April 12th and June 30th. Prizes range from £15 to £1 for stationers and from £3 to 10s. for assistants. Entries should reach Messrs. Samuel Jones before April 12th.

THE "Bridewell and Bromley Magazine," house journal of the Grouse Engraving Co., Ltd., is again a handsome and interesting production, keeping to the high standard of previous issues. Of special interest is a critical article on the subject of standardised tri-colour inks, with comparative illustrative examples; also an illustrated article on Japan. Admirable block-printing is, of course, a feature of the magazine.

THE School for Printing Pressmen (Central Printing Trades Continuation School, 240, West 40th Street, New York City, U.S.A.) sends us a handsome calendar for March 1930 to February 1931. The production and presswork are the work of the school, the design being by Mr. Charles Francis, known as the Dean of American Printers. The unusual design is of special interest to printers as there are presented (against a remarkable background of clouds and blue sky) half-tone pictures showing the pressmen at work on machines of various different types; thumbnail sketches of several famous old-time printers are also included. The colour-printing involved, as also a die-stamped seal and very neat letterpress date pad, show very high-class workmanship, and we offer hearty congratulations to all concerned in this admirable piece of work.



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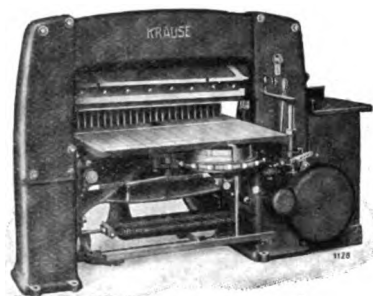
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For instance, slow cutting on old machines is a waste of money. To the most up-to-date printing plants belong also "Krause" High-Speed Guillotines.

The value of "Krause" High-Speed Guillotines is shown by the decision of a firm who, after careful examination and testing of several other makes, placed, in one day, a repeat order for 11 large "Krause" High-Speed Guillotines, and now has 13 "Krause" High-Speed Guillotines in use.

It is in your interest to consider the installation of one of these "Krause" High-Speed Guillotines which offer exceptional advantages. "Krause" High-Speed Guillotines are built in 30, 36, 41, 45½, 51, 59, 65, 82½ and 106½ inch lengths of cut and in a number of different types.

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SOLE AGENTS

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A New Folding Machine

A new folding machine, known as their No. 245 $\frac{1}{2}$, has just been introduced by Aug. Brehmer's (British) Successor, Ltd. This new small folder has been placed on the market with a view to providing printers with a labour-saving unit often required but hitherto unobtainable. The new folder is diminutive in all respects and is eminently suited for folding very small-size sheets or even sheets of 13 in. by 19 in. Since it will fold such sheets down to very small sizes it is of great advantage for the folding of enclosures, such



THE BREHMER, NO. 245 $\frac{1}{2}$

as recipes, testimonials, instructions, etc., which are required for packing in small containers, as those which hold pills, patent medicines, flour, sugar, salt, etc.

The machine will fold a sheet 6 $\frac{1}{2}$ in. square down to a size of 3 $\frac{1}{4}$ in. by $\frac{3}{4}$ in. by means of using its three parallel folds followed by one cross fold.

It is especially useful for such narrow page widths as hitherto have had to be hand folded. The folding of such small sizes by hand is a tedious operation, especially as enclosures are usually required in very large quantities; and as the machine will produce up to 8,000 completely folded sheets per hour, it is one which will repay its initial cost over and over again.

The new Brehmer folder is arranged primarily for three parallel folds followed by one cross. The first three folds are performed by folding pockets, and the cross fold by a knife. The machine is versatile and will produce: 4pp. (one fold), 8pp. (two cross folds), 8pp. (two folds parallel), 6pp. (letter fold or two accordion), 16 pp. (three folds parallel or three folds zig-zag). In addition, the machine will by engaging the cross fold, produce 16pp. (two parallels and one cross), 12pp. (letter fold or two zig-zag followed by a cross), 32pp. (three parallels or three zig-zag followed by one cross); also, by rearrangement of the gauges, various modifications of these folds can be obtained.

It is semi-automatically fed, and its construction follows along the lines of the larger folders. The operator is required only to stroke the sheets gently forward until a drop bar descends and draws them one at a time into the machine. The machine has timing devices so that a much higher output is obtainable on smaller-size sheets. If only parallel folds are to be

used, then the drop bar is suspended so that the operator can feed sheets at great speed, almost end to end, directly into the folding rollers.

This new model is equipped with efficient stacking devices which deliver the folded work perfectly stacked for easy removal, and the stackers work in such a way that the inseting of one section into another is entirely obviated.

The Brehmer No. 245 $\frac{1}{2}$ is supplied for direct motor drive; the power of the motor being only one-sixth horse-power, power consumption is negligible. The motor is mounted inside the machine stand, thus making the whole unit very compact.

Cutting attachments can be used on parallel folds, so that leaflets can be imposed two or more side by side, and cut during the folding operation.

Scholarships for the Training of Executives

The Winterbottom Book Cloth Company give a scholarship to the value of £150, confined to those employed in the bookbinding trade in the United Kingdom. Arrangements may be made for this competition to be held in provincial towns.

The Newspaper Proprietors' Association have voted the sum of £150 to institute a scholarship for competition amongst machine-managers living and working within the London area.

The scholarships are tenable at the London School of Printing and are instituted for the purpose of providing a whole-time training with the object of enabling workmen to qualify for responsible executive positions.

The scholarships will be awarded on the results of examinations (written and oral) to be conducted by representatives of the sections of the industry to which the scholarship appertains.

Candidates must be of British nationality, and *should have completed or be in the last year of their apprenticeship*, and must satisfy the committee as to their suitability.

It is expected that competitive examinations will take place on Friday, May 30th, 1930, at 2.30 p.m. Full particulars and application forms can be obtained from the Principal of the London School of Printing and Kindred Trades, 61, Stamford Street, S.E.1, and must be returned completed not later than May 16th, 1930.

COSTING.—Following the usual custom, a special intensive course in costing for executives and employers will be held at the London School of Printing every Wednesday evening during May and June. To ensure a place, early application should be made for enrolment to the Principal, 61, Stamford Street, London, S.E.1.

PRINTERS' READERS' EXAMINATION.—The examiners of the Provincial Guild of Printers' Readers report that another examination has taken place in the East Anglia district. The following certificates and marks were obtained:—W. E. Cooper (Grade I), 81 points; E. C. Woodhouse (Grade II), 69; T. W. Underhill (Grade II), 60; W. C. Beecroft (Grade II), 60. The Rev. Frank Jordan, Bungay Grammar School, acted as supervisor.

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Trade Notes

PROVINCIAL NEWSPAPERS, LTD., have decided to amalgamate the *Hull Daily Mail* and the *Hull Evening News* in a fortnight's time.

THE Porpoise Press, Edinburgh, has been taken over by Mr. George Blake and Mr. G. M. Thomson, two prominent Scottish writers, who will continue the Press on the lines of its former literary traditions.

THE directors of Northcliffe Newspapers, Ltd., have resolved to expedite the programme of production of new evening papers throughout the provinces. They hope to produce the first new paper on the present programme—namely, the *Cardiff Evening World*—on October 1st. Next will come the *Sheffield Evening World*, which it is hoped will be ready for production before the end of November next. Also in preparation is the establishment of new *Evening Worlds* in Middlesbrough, Hull and Birmingham.

MESSRS. W. V. BOWATER, paper merchants, have acquired the whole of the share capital of the Empire Paper Mills, which have a productive capacity of about 45,000 tons of newsprint per annum.

MESSRS. LIVINGSTONE, PAGE AND CO., LTD., paper mill agents, of Thames House, 2A, Upper Thames Street, London, have taken over the kindred business of Messrs. A. Macvie and Co.

THE changes in the Australian tariff, which have come as a shock to British exporters, will adversely affect the export of several items in which the printing and allied trades are interested. Items on which a 50 per cent. increase of duty is payable include printing inks and varnish, account books, catalogues, calendars, stationery, paper bags, wrapping paper, etc.

L.M.P.A. LUNCHEON. — Mr. W. Buchanan-Taylor (publicity manager to Messrs. J. Lyons and Co., Ltd.) will give an address entitled "Does the Printer Help the Advertiser?" under the auspices of the London Master Printers Association at the Holborn Restaurant, Kingsway, on Tuesday, April 29th. Tickets (5s. each) may be had on application to Mr. W. Whyte, L.M.P.A., 7 to 10, Old Bailey, E.C.4.

THE death occurred on Saturday, after a short illness, of Mr. Keith Barlow, chairman of Messrs. Wiggins, Teape and Co., the well-known papermaking firm. For many years he was responsible for the sales organisation of that company, and he had also been chairman of Wiggins, Teape and Alex. Pirie (Export), Ltd., since its inception in 1921.

MR. J. DIXON, of the Amalgamated Press, writes to say he would be pleased to receive Printers' Pension Corporation votes on behalf of five deserving warehousemen seeking election. Mr. Dixon's address is 17, Sumner Street, Southwark Street, S.E.1.

ON Thursday last the entire front page of a Californian newspaper was transmitted 2,500 miles by wireless across the United States and automatically reprinted and read on the Atlantic seaboard within three hours of its leaving the presses in San Francisco. The wireless engineers at Schenectady (General Electric Co.), who conducted the test, believe that wireless will soon be used for facsimile transmission of business correspondence, and that eventually it will be possible to deliver a daily newspaper direct from the press to the home of any one owning a wireless receiver with a recording attachment.

Country News

BRISTOL

A RECORD period of service with the firm of Messrs. E. S. and A. Robinson, Ltd., has just been set up by Mr. John Killick, who left the employ of the company on the 31st ult., having completed fifty-nine years with the firm. Mr. Killick was first employed in the warehouse, but was afterwards transferred to the office. He received a personal letter from Mr. Edward Robinson, J.P., who referred to the early days when they worked together, and wished Mr. Killick happiness in his retirement. Mr. Robinson regretted that owing to being kept to his room by indisposition he was unable to personally bid Mr. Killick adieu.

CAMBRIDGE

A MAINTENANCE of trade and an absence of unemployment in the district were referred to at the annual meeting of the Cambridgeshire Master Printers Association last week. The meeting was preceded by a lunch, Mr. P. A. Parfitt (president) presiding in both instances. Those present included Councillor A. A. Spalding, Mr. P. C. Tomson (president, East Anglian Alliance), Mr. F. S. Denys Page (vice-president of the Alliance), Mr. G. H. Yelf (Alliance secretary) and many others. Mr. H. S. Driver (secretary of the Cambridgeshire Association), in his report, referred to the well-equipped printing school now in existence, the equipment of which included Monotype machines; negotiations were in progress for the addition of further premises and plant. The officers and committee for the ensuing year were elected as follows:—President, Mr. H. H. Neve; vice-presidents, Messrs. Heffer, Lewis, Piggott and Spalding; honorary treasurer, Mr. Bigg; honorary secretary, Mr. Metcalfe; auditor, Mr. Cox; Executive Committee, Messrs. Cox, Hart, Aspinall, Jefferson, Rouse, Parfitt and Driver; Joint Industrial Council representatives, Messrs. Bigg, Cox, Driver, Lewis, Neve, Newman, Parfitt, Rouse, Spalding and Taylor.

HULL

THE printing section of the Hull Technical Institute has produced for private circulation a brochure which reflects great credit upon the students of the composing and letterpress machine classes. The Principal of the Institute, in a foreword, explains that the printing section is receiving assistance from many master printers in Hull. It is intended to extend the work of the section by further lectures on topics of interest to the printing trade.

LEEDS

MR. JOHN HENRY AKERS, whose death has taken place in Leeds, had been for over thirty years representative for Messrs. Frederick Duffield and Sons, Limited, printers, Leeds.

SWINDON

FINES of £2 10s. each and costs of 7s. 6d. were inflicted upon Alfred Percy Maybury and Vernon Maybury, of 13, Regent Circus, Swindon, summoned for printing 500 tickets for "a draw for the disposal of a sideboard" without printing on the front of every ticket their names and usual place of abode or business. Defendants said the imprint had been omitted in error.

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ATD

Printing and Allied Trades Cross-Country Championship

The fifth annual cross-country championship of the Printing and Allied Trades, held on Saturday at Chingford, attracted a large gathering of members of the industry. Each of the events was keenly contested, and some excellent sport was witnessed. Mr. A. Ralph Reed, the president of the Association, was present during the afternoon and presided at the tea in the evening, when prizes and trophies were awarded to the successful competitors. Amongst others present were Col. Wild, D.S.O., and Messrs. J. Knight, S. Perkin, A. J. C. Pescod, W. H. Marshall and A. McLeod (cross-country secretary).

After tea, held in the Royal Forest Hotel, Mr. J. Knight (chairman of the Association) proposed the health of Mr. A. Ralph Reed, who, in responding, emphasised the value of sport to the individual. One reason, he said, why the paper mills paid so much attention to sport and running was because they had good practice in that they were always being kept on the run by the printer. (Laughter.) Mr. Reed congratulated Mr. McLeod on the excellence of the arrangements made for the racing.

The results of the different events were as follows:—

INDIVIDUAL PLACINGS

	m.	s.
1 G. W. Johnson, Jackson and Co.	25	58
2 S. E. Andrews, Campfield Press	26	16
3 J. A. Waters, Aylesford Paper Mills	26	23
4 B. D. Taylor, Millingtons	26	25
5 A. Coombs, Finden and Brown	26	45
6 H. W. Fisher, Sun Engraving	26	47
7 C. W. Dockerill, Dartford Mills	26	51
8 A. W. Simmons, "Ilford Guardian"	27	0
9 G. Wallace, Yorkshire Con. News	27	14
10 A. Bennett, London Paper Mills	27	16
11 L. A. Pool, J. Pool and Sons	27	27
12 R. C. Hendry, "Daily Sketch"	27	30
13 W. Marshall, Yorkshire Con. News	27	36
14 J. H. Ward, Reiaich	27	39
15 E. Parker, P. Tracey	27	40
16 F. Turrell, London Paper Mills	27	41
17 T. F. Peeling, Finsbury Press	27	46
18 W. G. Baxter, Burroughs Wellcome	27	53
19 J. F. Roberts, De La Rue	27	57
20 G. J. F. Mole, Dartford Paper Mills	27	58

TEAM PLACINGS

	pts.
1 Dartford Paper Mills (Dockerill 2, Mole 9, Emery 11)	22
2 Aylesford Paper Mills (Waters 1, Tick 12, Rainer 15)	28
3 London Paper Mills (Bennett 4, Turrell 8, Vickery 20)	32
4 Yorkshire Con. News (Wallace 3, Marshall 6, Kellett 27)	36
5 "Evening Standard" (Binet 13, Jones 14, Crighton 29)	56
6 Horton Kirby Mills (Wills 21, Lamb 26, Thompson 33)	80
7 W. H. Smith and Son (18, 25, 38)	81
8 Amalgamated Press (19, 32, 34)	85

THE late Mr. Henry Alabaster (83), Sanderstead, Surrey, late chairman of the Electrical Review, Ltd., left £64,868 (net personalty £63,210).

"Paper and Print"

A Notable Production

Those who have not yet seen the March number of *Paper and Print*, the quarterly journal associated with the *British and Colonial Printer*, should at once secure a copy of this valuable and informative guide to events and developments in the printing and allied trades.

The distinguished list of contributors includes, as usual, Mr. William Gamble, F.R.P.S., F.O.S., who writes authoritatively on the timely subject of "Rotogravure in Newspapers." Mrs. Beatrice L. Warde, of the Lanston Monotype Corporation, contributes an engaging study of changing tastes in printers' ornaments, treating instructively of the design and use of borders, with the aid of many interesting illustrations. Mr. S. W. Hayter, the typographer, in "Giving Personality to Printing," offers constructive criticism and valuable suggestions concerning the design of printed matter. Another contribution of unique interest deals with "The Art of the Wood-Cut in Poland and Czechoslovakia," introducing some remarkable illustrations of the work of artists in those countries. Of great practical interest to printers, also, is the article entitled "Humidity in the Pressroom," by Mr. John Taylor, the well-known Manchester printer. Amongst shorter articles of equal value are "Gummed Papers and Their Uses," by Mr. Robert Wall; "The Typography of Advertisements," by Mr. T. Wilson Philip; "Printers and Cost-Finding," by Mr. H. A. Maddox; "The Metal Rule," by Mr. H. Lewis; "Take the Work to the Workers," an essay in scientific management, by Mr. Ernest Pheby, etc.

A useful new feature is "Tips for Printers," drawing attention to offers of free samples, catalogues, etc., whilst amongst usual features will be found informative notes on export markets, "What Our Manufacturers Are Doing," and so on.

As usual, there is a very fine array of insets, providing numerous samples of papers, envelopes, colour printing, etc., whilst advertisers' announcements form a comprehensive index to sources of supply.

Priced at 6d. this informative review is published from the offices of the *British and Colonial Printer*.

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Commercial Review

Current Share Prices

Allied Newspapers ord. 31s. 10½d., 30s. 11¼d., 8 p.c. cum. pref. 21s. 3d., 22s.; Allied Northern Newspapers 6½ p.c. deb. 99, 99½; Amalgamated Press ord. (10s.), 23s. 10½d., 7 p.c. cum. pref. 19s. 9d., 20s., 5½ p.c. deb. 92½; Anglo-Foreign Newspapers (5s.) 1s. 3d., defd. (1s.), 1½d.; Argus Press 7 p.c. cum. pref. 19s. 1½d.; Argus Press Holdings 24s. 9d., 7½ p.c. pref. 19s. 9d., 19s. 6d.; Associated Newspapers 23s. 3d., 23s., defd. (5s.) 30s., 29s. 9d., 5 p.c. cum. pref. 18s. 3d., 18s. 6d.; Buff Book 19s. 9d., defd. (1s.) 7½d.; R. W. Crabtree pref. (10s.) 8s. 9d.; Daily Express Building 6 p.c. 1st deb. 97½; Daily Mirror (5s.) 23s. 7½d., 23s. 10½d., 8 p.c. pref. 25s. 10½d.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 103½; John Dickinson 42s., 5 p.c. cum. 1st pref. stk. 90; Financial Newspaper Proprietors 15s. 7½d.; Financial News 5 p.c. cum. pref. 13s. 3d.; Financial Times 27s., 7 p.c. cum. pref. 21s., 21s. 6d.; Hazell, Watson and Viney (£10) 15½, 15½; Hudson and Kearns 10 p.c. 1st pref. (16s.) 13s., 12s. 9d.; Hutchinson and Co. 7 p.c. partg. 1st pref. 12s. 4½d.; Ilford 6 p.c. cum. pref. 21s.; Illustrated Newspapers 10s., 7 p.c. cum. pref. 14s. 9d., 6 p.c. mort. deb. 89; Illustrated London News and Sketch (5s.) 11s. 9d., 5½ p.c. pref. 15s. 9d.; International Linotype 82½; Lamson Paragon 20s., 19s. 9d. xd.; Lanston Monotype Corporation 37s.; Linotype A deb. 70½, B deb. 72; Northcliffe Newspapers 5½ p.c. deb. 97½, 98½; Odhams Press (4s.) 6s. 6½d., 6s. 3d., 6 p.c. pref. 17s., 16s. 6d., 7½ p.c. A pref. 19s. 6d., 6½ p.c. deb. 101; Paper Industries pref. 16s. 10½d., 17s.; C. A. Pearson 5½ p.c. cum. pref. 15s. 6d.; Sunday Pictorial Newspapers 62s. 6d., 8 p.c. cum. pref. 24s. 3d.; United Newspapers 7½ p.c. cum. pref. 13s. 6d.; Waterlow and Sons def. 46s. 1½d., prefd. 20s. 3d. xd., 4 p.c. pref. (cum.) 14s. xd.; Weldon's pref. ord. (10 p.c. cum.) 14s.; Winterbottom Book Cloth 70s., 6 p.c. pref. 22s. xd.; Wyman and Sons 52s. 6d.

Dividends and Reports

SUNDAY PICTORIAL NEWSPAPERS (1920).—Directors report profit for year ended February 28th last was £351,653 (against £350,414), after deducting income-tax, working, office and other expenses, providing for contingencies, etc.; £40,000 (same) has been placed to reserve (now £320,000) and £5,000 (same) pensions. Preference dividend absorbs £40,000 (same), four quarterly payments of 6½ per cent. (same) take £262,500 (same), £29,321 (against £25,168) to be carried forward. Goodwill further reduced by £100,000 (same).

ALEXANDER THOM AND CO.—Profit of this Dublin printing firm to January 31st was £11,700 (against £12,364). After directors' fees and interest on debentures, net profit was £8,095 (against £8,760). Dividend at rate of 11 per cent. on ordinary shares again makes 8 per cent., additional 3 per cent. on preference, again making 9½ per cent., placing to general reserve £2,000 (same), writing off premises, plant and goodwill £2,000 (same), forward £10,951 (against £11,237).

DAILY MIRROR NEWSPAPERS.—Net profit to February 28th was £480,360 (against £479,529). Preference dividends again absorb £28,000 and the ordinary dividend, maintained at 30 per cent., requires £420,000. Pensions

fund again receives £10,000 and the allocation to reserve is repeated at £20,000, forward £34,785 (against £32,424).

New Companies

GENERAL NEWSPAPERS, LTD.—Capital £100,000 in £1 shares; proprietors, printers and publishers of newspapers, etc. Subscribers: E. J. Burrows, H. L. Armstrong and others. Solicitors: Herbert Smith and Co., 62, London-wall, E.C.

RANDALL BROS. (PRINTERS), LTD.—Capital £20,000 in £1 shares (12,000 8 per cent. cumulative preference and 8,000 ordinary); stationers, printers, lithographers, stereotypers, electrotypers, etc. Private company. Directors: F. Randall, J. E. Ripley, W. H. Randall, G. H. Ripley and J. H. Robbins. Registered office: 21-3, Lichtfield-road, Aston Cross, Birmingham.

G. BLUNT AND SONS, LTD.—Capital £20,000 in £1 shares (10,000 7 per cent. cumulative preference and 10,000 ordinary); to carry on the business of public library contractors, bookbinders and sellers formerly carried on by W. M. Blunt, G. E. Blunt, A. H. Blunt, F. E. Blunt and B. R. Blunt at North Acton-road, Harlesden, and that of manufacturing and wholesale and retail stationers, etc. Private company. Directors: W. M. Blunt, G. E. Blunt, A. H. Blunt, F. E. Blunt and B. R. Blunt. Registered office: North Acton-road, Harlesden, N.W.10.

MANDRAKE PRESS, LTD.—Capital £12,000 in 10,000 10 per cent. cumulative participating preference shares of £1 each and 40,000 ordinary shares of 1s. each; to acquire the business of printers and publishers now carried on at 41, Museum-street, W.C., as the "Mandrake Press." Private company. Subscribers: R. Thynne and E. H. Tait. Registered office: 41, Museum-street, W.C.

MANDLEY AND UNETT, LTD.—Capital £5,000 in £1 shares (4,000 10 per cent. cumulative preference and 1,000 ordinary); to acquire the undertaking and all or any of the assets and liabilities of Mandley and Unett at 37, High-street, Newcastle-under-Lyme, Staffs. Stationers, printers, etc. Private company. Directors: J. H. Unett, A. Sclanders and Agnes W. Sclanders. Registered office: 37, High-street, Newcastle-under-Lyme, Staffs.

J. D. HOWARTH AND SONS, LTD.—Capital £2,500 in £1 shares; to acquire the business lately carried on by J. D. Howarth as a printer, stationer and bookbinder, Wheat Sheaf-yard, Rochdale. Private company. Directors: J. D. Howarth, J. B. Howarth and E. Howarth. Registered office: Wheatsheaf-yard, Yorkshire-street, Rochdale.

VIADUCT PROCESS BLOCK CO., LTD.—Capital £1,200 in £1 shares; photo-process engravers in line and tone, colour artists, designers, stereotypers, electrotypers, photographers, etc. Private company. Directors: T. E. Seymour, S. A. Gristwood, I. Arghebant and F. Freeman. Registered office: Plum Tree-court, 55, Farringdon-street, E.C.4.

U.K. PUBLICATIONS, LTD.—Capital £1,500, in £1 shares; printers, publishers, advertising or publicity agents, etc. Private company. Subscribers: A. S. Watson and W. Stranger-Jones. Solicitors: Warren, Murton, Miller and Foster, 45, Bloomsbury-square, W.C.1

H. NEALE AND CO., LTD.—Capital £1,000, in £1 shares; to acquire the business of a letterpress and general printer, manufacturing stationer and bookbinder, etc., heretofore carried on by H. Neale at 6, Frederick's-row, Goswell-

road, E.C., as "H. Neale and Co." Private company. Subscribers: H. Neale, E. Neale and H. Neale (permanent governing director).

A. JEZZI, LTD.—Capital £2,000, in £1 shares; manufacturers, manufacturers' agents, importers and exporters of and dealers in paper, etc. Private company. Subscribers: P. G. L. Jezz, F. G. Slade and T. H. Usherwood. Registered office: 3, Lombard-court, E.C.3.

Mortgages and Charges.

EDWIN JONES AND SONS (LONDON), LTD. (relief stampers, die sinkers, printers, etc., 70, Rosebery-avenue, E.C.).—Particulars filed on March 31st, 1930, of £1,800 debentures authorised December 20th, 1929, charged on the company's property, present and future, including uncalled capital, the whole amount being now issued.

J. G. HUDSON AND CO., LTD. (printers, etc., 38, Grosvenor-place, S.W.1).—Particulars filed of £2,000 debentures authorised March 21st, 1930, charged on the company's undertaking and property, present and future, including uncalled capital, the amount of the present issue being £1,000.

NEWTON PRINTING PRESS, LTD. (Newton Works, Macklin-street, Drury-lane, W.C.).—Debenture dated March 21st, 1930, to secure £250, charged on the company's property, present and future, including uncalled capital. Holder: W. Reynolds, Sefton Lodge, Netherhall-gardens, Hampstead, N.W.

DIXONS (1930), LTD. (printers, etc., Central Printing Works, Guiseley).—Mortgage for £169 3s. 4d., dated June 2nd, 1922, and further charge dated December 4th, 1924, charged on land and the Central Printing Works, Guiseley (being property acquired by the company on March 1st, 1930). Registered pursuant to Section 81 of the Companies' Act, 1929. Mortgages; Otley and Wharfedale Permanent Investment and Benefit Building Society.

W. JONES AND CO., LTD. (stationers, printers, etc., 34, Cable-street, Liverpool).—Mortgage dated January 25th, 1906, charged on 29, King-street, Liverpool (property acquired August 5th, 1926) on which £2,000 was owing on November 1st, 1929. (Now registered pursuant to Section 91 of the Companies' Act, 1929.) Mortgages; Executors of late Dr. E. A. Browne (per Toulmin, Ward and Co., solicitors, 41, North John-street, Liverpool).

EMPIRE PAPER MILLS (1922), LTD., 130, Fleet-street E.C.—Particulars filed of £400,000 first mortgage debenture stock authorised March 27th, 1930, and covered by trust deed of same date, charged on Empire Paper Mills, 40 houses and other buildings in the parishes of Swanscombe Stone and Gravesend, Kent, and the company's

undertaking and other property, present and future, including uncalled capital, the whole amount being now issued. Trustees: A. E. Linforth, Tabstfield, Farningham, and K. G. Henderson, Chartwell, Brassy-road, Limsfield.

Bankruptcies

Re WILLIAM KELLY, Dean-street, Fetter-lane, E.C., and Wadding-street, Walworth, S.E., printers' engineer and furnisher.—This debtor attended for public examination in the London Bankruptcy Court on April 3rd before Mr. Registrar Warmington. The debtor failed in February of this year with liabilities £795 and net assets £744. Examined by Mr. Bruce Park (official receiver) the debtor stated that prior to the war he was employed in the printing trade; he then served in H.M. Forces, and in May, 1921, he commenced and afterwards carried on business as a printers' engineer and furnisher, at first at his private address, and after the end of 1927 at 16A, Wadding-street, Walworth, S.E. In April, 1929, he took additional premises at 1A, Dean-street, Fetter-lane, E.C., because he thought it would be better for business reasons to have a City address. He continued to trade at both addresses until the date of the receiving order. In December, 1928, he lost an agency for a foreign manufacturer which had brought him in about £250 per annum. He attributed his failure to the loss of this agency and to depreciation in the value of his stock. The examination was concluded.

BENEFITS

A trade organisation is judged by the generosity of the benefits it provides for its members.

THE PRINTERS' PROVIDENT ASSOCIATION provides Unemployment, Superannuation and Funeral Benefits upon terms which are lower than those of any other trade organisation.

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Death of Mr. F. C. Peacock

We regret to announce the death of Mr. F. C. Peacock, which occurred on Monday at his home at Beresford-road, Harringay. Mr. Peacock was very prominent for many years in the industry, and had devoted practically the whole of his life to printers' charity organisations. He was the highly-esteemed secretary of the Vellum Binders and Machine Rulers' Pension Society, and was the first president of the Printing, Bookbinding and Kindred Trades Overseers' Association some 25 years ago. Many years ago he bought the vellum binding business of Hall Bros., and continued that concern under that name up to the time of his death. Mr. Peacock was at all times the friend of everyone, and possessed an abundant fund of cheerfulness that will be missed by a large circle of friends. The funeral will take place on Saturday at Nunhead Cemetery at 11.30 a.m.

Trade Union Matters

LABOUR PARTY'S PRINTING.—The secretary of the Midlands group of the Typographical Association, in his report to the executive council, states that negotiations have been taking place with regard to the printing matter published by the Ilkeston Divisional Labour Party, and an assurance had been received that in future all printing orders would be placed with trade union firms.

BREACHES OF RULES AT BOURNEMOUTH.—Mr. H. E. Carss, one of the Typographical Association organisers, has reported on an urgent visit he has paid to Bournemouth to deal with trouble over working conditions in an office in that branch. He met the chapel concerned, and, after hearing details of difficulties of working in the office, met the employer and explained various breaches of agreements that had taken place. After long discussion, the employer promised to place the working of his office in conformity with the Association rules.

Printers and Swimming

The annual meeting of the Printing and Allied Trades Swimming Club (a section of the Printing and Allied Trades Charity Sports Association) was held at the Red Lion Hotel, Red Lion Court, Fleet Street, last week, when about forty members attended. The hon. secretary (Mr. C. F. Gatehouse) read the report and balance sheet which showed a very satisfactory year's working. Prof. Jarvis has again been engaged as trainer, and it was decided to extend the club's activities by holding two meetings a week instead of one. The club will meet at Lavington Street Baths, Southwark, on Tuesday evenings between 6.30-7.30 p.m. for instruction, and Thursday evenings between 6.30-7.30 p.m. for club racing, etc. On the initiative of members the subscription was raised to 3s. 6d. for men and 2s. for apprentices. The enrolment evening for members is on April 24th, at the Red Lion Hotel, at 6.30 p.m. Further particulars regarding the club can be obtained from the swimming secretary, Mr. C. F. Gatehouse, 45, Kinsale Road, Peckham Rye, S.E.15.

PREPAID ADVERTISEMENTS

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PRINTER'S TRAVELLER wanted, with connection in London or Midlands. —Address, with full particulars, Box 15443

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TENDERS

H.M. STATIONERY OFFICE

TENDERS to be delivered before noon on Thursday, 24th April, 1930, are invited from firms with London works for certain Jobwork Printing for the Public Service—Group 618. For particulars apply to the Controller, H. M. Stationery Office, Westminster, S.W. 1.

Letter to the Editor

BACK NUMBERS WANTED

Sir.—Last year the Lanston Monotype Corporation issued a number of the "Monotype Recorder" containing a description of the Company's works at Horley, illustrated with photographs in connection with the visit of the Federation of Master Printers. Such has been the demand that this number (Volume XXVIII, May-June, 1929, No. 230) is now out of print, and copies of this number in good condition will be purchased by the Lanston Monotype Corporation, 43, Fetter Lane, E.C.4, at one shilling apiece during the next six weeks.

B. L. WARDE.

Lanston Monotype Corporation, Ltd.,
43 and 44, Fetter Lane, London, E.C.4.

THE late De Francis Mellor, Southport, printer and publisher of the *World's Fair*, a showman's newspaper, left £17,981 (net personalty £17,787).

EDWIN W. EVANS*Auctioneer and Valuer*TO THE PRINTING AND
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"MONOTYPE" IS A WORD WHICH SELLS PRINTING!

APR 30 1930

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY

And Stationer

VOLUME 106
NEW SERIES No. 77

LONDON: APRIL 17, 1930

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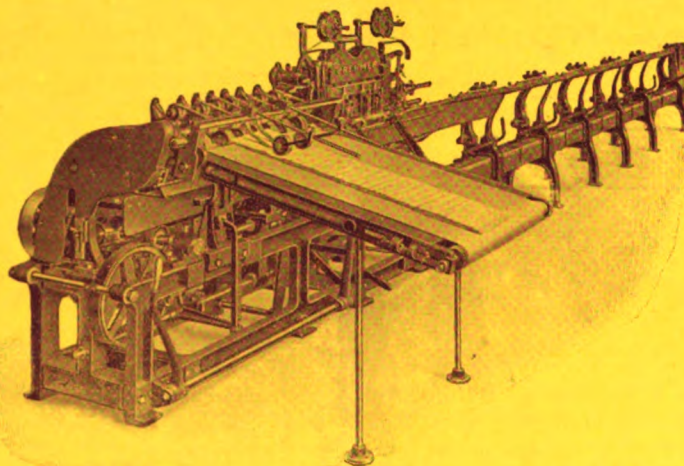
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The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 77

LONDON: APRIL 17, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

EASTER is here, and the first break of the year is registered. The holiday is welcome to most of us, and very few there are who have not been eagerly looking forward to a few days' change after a dismal quarter. However bad business may be, it can do nothing but good to get away from the environment of it. Mental refreshment and physical enjoyment is what we need in order to start up again with a fresh spirit. The one consolation we can carry away with us is that trade cannot be much worse than it has been, and it might even turn out to be a deal better. For those who have sought to lay the blame for the condition of things on the suspense in which we have been held by the secrecy with which the Budget has been enveloped, there no longer exists the root cause of complaint. We know the worst. The Budget proposals have been announced (though not at the time of writing), and we are left with our customary grievance against the burden of taxation. It is as well to have something to grumble about, so long as we realise that there is ample opportunity to build and develop successful business even against adverse conditions. And, despite all the obstacles and difficulties with which prevailing conditions are invested, one sees there are still dividends being paid and substantial amounts going to reserve even in places where the profits are earned by supplying the requirements of the printer.

* * *

To turn to a technical subject—we remember having read somewhere the

other day that printers and others who buy half-tone and line blocks do not make anything like enough use of the opportunities provided to get away from the every-day stuff. Without concerning ourselves about the advertising fraternity, who nevertheless display a vastly deeper appreciation of process engraving possibilities than do printers, it has impressed itself strongly upon our mind that printers are neglecting valuable opportunities of giving their customers something fresh in illustration treatment. We are not far wrong if we say that the great majority of printers order their blocks without turning over in their minds the question of appropriate, fresh or unusual presentation of the subject. We might add with equal conviction that the bulk of local process engravers are in the ruts of commonplace treatment.

Their representatives, in the main, are qualified only to take ordinary instructions and give ordinary advice. Between the rule-of-thumb printer and the ordinary process engraver we have the sort of combination that can produce only commonplace work.

* * *

THERE are infinite reaches to be used and explored for the purpose of producing effect, both in half-tone and line blocks, or in combination of the two. Latterly, the clever application of tints, mediums and screens has come into favour with those advocates of graphic modernism whose art-work takes its cue from the cinema. Over in the United States, the use of Ben Day tints has been practised for years, and

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almost every engraver is clever in their selective application. The ordinary printer in this country rarely considers the improvement of his designs or the cheapening of reproduction by collaboration with the type of process engraver qualified to help him in this way. A line block is a zinco, and a half-tone is a 133-screen block with a line round, and that is all there is to it as far as the order clerk is concerned. That there are a score or two of different ways of finishing off a half-tone counts for nothing.

THIS is no place for a treatise on the technique of treatment or finish as applied to process engravings. The best advice to be given to any printer or student of printing is to make acquaintance with the most modern treatments offered by the half-dozen leading process engravers in the country. Watch the best Press ads., follow the trade Press publicity of the engravers themselves. Which means, of course, make your trade your hobby, keep track with the trend of fashion and practice. Apply your findings, take risks, experiment intelligently, speculate occasionally, and profit every time by past experience. There is always the customer looking for the printer who is ahead of his fellows, who can give something in printing with an outstanding note in it. Such customers are to be courted, since they are the least likely to encourage the folly of price-cutting. They want a good printer, not a batch of hungry inquiry-seekers.

Home Counties M.P.A.

The party arranged by the Home Counties Master Printers Alliance to visit Belgium during Easter, from Thursday to the following Tuesday, will number seventy persons. Some members will cross the Channel from Dover to Ostend during the day on Thursday, and the others will travel by the night boat and all will take breakfast in Bruges on Good Friday morning.

The party includes Mr. William Maxwell (president of the Federation of Master Printers) and Mrs. and Miss Maxwell, Mr. R. A. Austen-Leigh, Col. W. H. Barrell (president, Home Counties Alliance) and Mrs. Barrell, Mr. A. E. Goodwin (director of the Federation) and Mrs. Goodwin, Mr. F. H. Bisset (secretary of the Federation), Mr. L. J. Cumner (assistant secretary of the Federation), Mr. and Mrs. A. le Pine Strange, of Eastbourne, and Mr. W. R. Murray, of Tunbridge Wells.

A brochure giving complete instructions to the members of the party has been issued by the Alliance. Mr. P. D. Michael, the secretary of the Alliance, with his usual thoroughness has been working out the arrangements to the last detail, and a visit full of interest and value, taken with the greatest comfort, is thus assured.

PRINTERS' BOXING.—As a result of the tournament recently organised by the Printing and Allied Trades Amateur Boxing Club, a sum of 100 guineas has been forwarded to the Royal Free Hospital, Grays Inn Road, W.C. The committee of the Club desire to thank the trade for their fine support during the season. After the "close" of the amateur season in April, the "Printers" will continue practice every Sunday morning 11 to 1 p.m., at their gymnasium at the *News of the World* Sports Ground, Park Place, Mitcham. In six seasons the "Printers" have distributed £588 to charities.

Personalia

SIR WILLIAM WATERLOW, Lord Mayor of London, was present at the eighty-first annual festival banquet of the Commercial Travellers' Benevolent Institution, held at Salters' Hall, E.C., on Friday night.

MR. FOSTER G. ROBINSON (chairman and managing director of the Bristol printing firm of E. S. & A. Robinson, Ltd.), presided, and spoke of the influence of advertising on the profession of the salesman.

SIR GOMER BERRY will preside at the annual general meeting of the National Advertising Benevolent Society at Anderton's Hotel on Monday, April 28th, at 6.30 p.m.

MR. ALFRED A. ANDREWS, City manager of Messrs. Witherby and Co., printers and stationers, 15, Nicholas Lane, has just completed fifty years' of service with the firm. He was presented by his colleagues with an illuminated address and a chiming clock suitably inscribed.

At a dinner given in Mr. Andrew's honour at Anderton's Hotel, Mr. H. F. Witherby (the senior partner) presented him with an envelope containing Savings Certificates as the gift of the partners.

MR. J. CRAWFORD, M.B.E., was on Wednesday of last week presented by Col. McLeod, C.M.G., etc., with a handsome gold watch, on behalf of the officers and staff of the War Office Geographical Section, upon his retirement after 33 years' service.

MR. CRAWFORD had been in the lithographic department since 1897, and for much of that time he had been the superintendent. He is well known to lithographers throughout London and other towns, and his extensive knowledge of the trade has been of inestimable value, not only to the country (through the War Office), but to all his fellow craftsmen. On behalf of the trade we wish him a long and happy retirement.

MESSRS. FRANK, HOWARD AND NORMAN WILLIAMS (the three sons of Mr. Harry Williams, of H. Williams and Co.), have kindly undertaken the task of opening the next season of the Stereotypers' Auxiliary by taking the chair at a concert to be held in September on behalf of the funds of the Printers' Pension Corporation.

MR. CYRIL C. SMITH, late of C. Hentschel, Ltd., and Posener, Walters and Harris, Ltd., has joined the staff of the Sun Engraving Co., Ltd.

MR. C. P. SCOTT, the famous journalist, editor for fifty-seven years and now governing director of the *Manchester Guardian*, was last week presented with the Freedom of the City of Manchester.

MR. A. P. GARLAND, the well-known humorous writer, has been elected chairman of the Press Club.

MR. E. FISHER delivered an interesting lecture on "Printing Metals," illustrated by lantern slides, at the Municipal College, Hull, last week.

MR. FISHER, junior, supplemented the lecture, explaining the composition of printing alloys, and giving some valuable hints to his hearers.

MR. DEREK PATMORE gave a party last week at the Aquila Press for Mr. Richard Aldington. The guests carried their cocktails into the printing rooms to examine the very ornamental 200-year-old printing presses with which most of the Aquila work is still done, and there were plates of sandwiches standing among the boxes of type.

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Printers' Managers' Annual Dinner

Large Gathering at Hotel Cecil

Distinguished as the last banquet to be held at the Hotel Cecil, Strand, London—that famous rendezvous being destined for transformation into business premises—the annual dinner of the Printers' Managers and Overseers (Parent) Association, on Saturday evening last, attracted a merry company of about 600 ladies and gentlemen, including representatives of all sections of the printing and allied trades.

Preceded by a reception (at five thirty) by Mr. A. T. Walters (president) and Mrs. Walters, dinner was enlivened with music by the Kingsway Revels dance band, and later an interesting series of toasts was interspersed with very successful concert items. The proceedings concluded with a dance (for which the M.C.s were Mr. J. P. Marris and Mr. R. B. Simpson).

Near the president at the top table were the Rt. Hon. C. W. Bowerman, P.C., M.P., Mr. T. E. Naylor, J.P., M.P., Mr. T. W. McAra, J.P., Mr. H. R. Reid, Mr. F. W. Bridges, Mr. Joseph Mortimer, and numerous other well-known gentlemen, many of them accompanied by their ladies.

A UNIQUE ORGANISATION

The first toast, after that of "The King," proposed by the president, was that of "The Association," the proposer being Mr. T. W. McAra (secretary of the Newspaper Proprietors' Association).

In the course of an entertaining speech, Mr. McAra remarked that presumably "The Association" was regarded as the only association that counts, and he proceeded to congratulate the P.M. and O.A. upon having, at the happy age of 37 years, established itself with such a history as gave the impression that the Association had always been in existence. They had to realise, he said, the extraordinary progress made in the building up of this very useful body. The old-time isolation of the overseer had disappeared, and the Association provided not only good fellowship but also assistance on the benevolent side, and kept members in touch with all the developments of the industry, encouraging craftsmanship and raising the level of the trade. He thought this organisation was unique amongst the industries of this country, and probably unique amongst the industries of the world. The Association would not be what it was to-day but for the fact that it had had excellent officials, men of real enthusiasm, who retained the entire confidence of the members.

Response was made by the president, Mr. A. T. Walters, who set an example of brevity in speechmaking. He underlined Mr. McAra's remarks about "The Association," and also thanked him for drawing attention to the fact that the P.M. & O.A. was now making provision for the retiring ages of its members. In this connection he mentioned that the Association has nine members up for the coming Printers' Pension election, and requested any who had votes to dispose of to send them to the general secretary of the Association. On behalf of the Association's officers and members he thanked Mr. McAra for the eloquent way in which he had given the toast, and thanked the company for the way in which they had responded.

THE GREATEST INDUSTRY OF ALL

The toast of "The Printing Trade" was ably proposed by Mr. H. R. Reid (Lanston Monotype Corporation), who referred to the printing trade as the greatest of all industries, without which the others would

languish. No other industry, he said, had done so much for civilisation, and all knowledge owed its progress to the printing art and the great men who had made history in improving and extending it. Its power was greater than that of any other industry, and he thought that many hardly realised what the world would be like if there were no printing. They would be semi-civilised, for nothing had done more for civilisation than printing; and life would lose half its pleasure and interest. The printing trade had always been to the forefront of progress. It was one of the first industries to form a Joint Industrial Council of employers and employees, and this Council had promoted a greater measure of harmony between masters and men than was enjoyed by other trades. Two at least of the guests that evening were pioneers in the formation of this Council: he referred to the Rt. Hon. C. W. Bowerman, M.P., whose name was so well known and respected in the printing trade, and Mr. T. E. Naylor, M.P., whose work for the good of the craft was familiar to them all. He added that printers had also the finest trade charity organisation of any industry: he referred to the Printers' Pension and Almshouse Corporation, of which it had been his privilege to act as a steward at several of their annual festivals. In asking them to drink to the prosperity of the printing trade—associated with such famous men as Caxton, Gutenberg, Franklin, Caslon and Wm. Morris, to mention only a few of those who had made history—he had the pleasure to couple with the toast the name of Mr. T. E. Naylor, M.P.

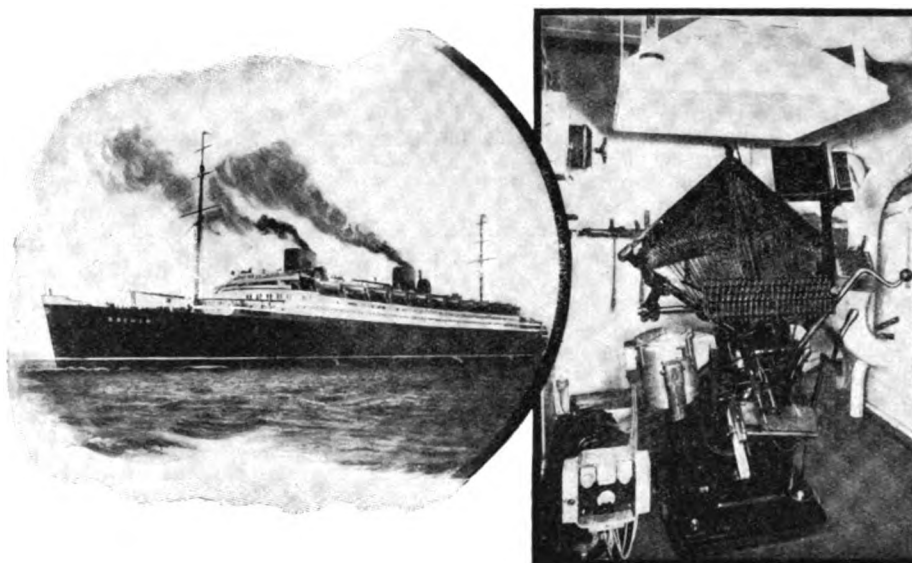
MR. NAYLOR SPEAKS FOR EMPLOYERS

Mr. T. E. Naylor, responding in humorous vein, confessed to a "seeming nervousness" in being called upon, as "a simple working man," to respond for the employers as well as for the journeymen printers. Proceeding, amidst frequent laughter and applause, he said: "Speaking first on behalf of the master printers, may I say that, looking back on the past year as a master printer—in representative capacity for this evening only—I have to say that, notwithstanding our very heavy losses in business, we continue to do very well. This is very largely due to you, gentlemen, who manage and oversee our businesses. Still speaking as a master printer, may I say: if you ever have anything that you want to put before us master printers, only let us know. If it is an increase in our salaries, let us know. If you are not satisfied with the conditions under which you are now working as overseers, let us know. We always recognise that although we are the heads of the business, we are not responsible for the success attending the business—it is you, the managers and overseers."

Proceeding next to speak on behalf of journeymen printers, Mr. Naylor said: "Just as you managers and overseers regard the master printer as not being the real head of the business, and not being responsible for the success attending your efforts in the pursuit of the business, so we journeymen printers think that if we were put to it we could dispense with the services of managers and overseers. And if we as journeymen want our position improved, well, we shall come and let you know."

After taking credit to the London Society of Compositors for setting the managers and overseers a good example in organisation, Mr. Naylor remarked upon the improvement in the relations between the managers

THE SPEED RECORD



for the Atlantic Trip has changed hands and is now held by the s.s. "EUROPA." The breaking of records is not due to chance but to careful planning and thought, to careful conception on the part of the brain, and exact and painstaking execution on the part of hands and the machinery. Into the making and building of a ship goes the experience of all the ages since ships were built, and into their equipment goes all the specialised experience and knowledge that has accrued in each department that has to be considered. One can imagine that when ships such as the "EUROPA," the "BREMEN," the "BERENGARIA" and the "MAURETANIA" are built, not only their lines but their equipment are studied with the greatest care.

It is not to be wondered at, then, that the "EUROPA," the winner of the blue riband of the Atlantic Trip, is equipped with a Typograph Composing and Line Casting Machine—not because it is most expensive, but because of its greater efficiency, has it been chosen, and the machine that will stand up to the hard usage and the many and varied requirements that are demanded from a machine installed in a ship at sea must surely be an excellent testimonial and a guarantee that it will stand up to similar conditions ashore.

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and overseers and those under their command. They had, he said, come to the conclusion that they could and would work together for the common good of all.

"THE LADIES AND VISITORS"

To Mr. E. W. Whittle, the popular general secretary of the Association, was allotted the toast of "The Ladies and Visitors." After some jovial remarks about the exceptional happiness that attends printers in respect of their ladies, Mr. Whittle went on to say that they, as an Association, felt proud of the fact that the P.M. & O.A. were favoured with such a number of guests as supported the president that night, positively the cream of the printing trade.

Mr. Whittle proceeded to mention names, drawing attention in complimentary terms to the presence of: Messrs. J. A. Esler (president, Bookbinders' Overseers Association), R. Bryan (general secretary, Bookbinders' Overseers Association), W. R. Forsyth (Stereotypers' Overseers Association), F. W. Bridges (organiser of the Printing Exhibition), H. Wilson Howes (secretary, Machine Managers Society), A. E. Holmes (secretary, Printing and Kindred Trades Federation), Woodgate Stevens (London secretary, Society of Lithographic Printers), Paul Storr (solicitor to the P.M. & O.A.), T. E. Naylor, H. R. Reid, Joseph Mortimer, H. F. Parker (Lloyd Memorial Home), and the following representatives of provincial Centres of the P.M. & O.A.: H. A. Corris (president, Liverpool), J. N. Poole (secretary, Liverpool), F. J. Hughes (secretary, Manchester), P. T. Austin (president, Birmingham), W. E. Martin (secretary, Birmingham), F. Smallwood (North Midlands), J. W. Tilley (president, Leicester), W. H. Bailey (secretary, Leicester), E. W. Bennett (president, West of England), F. G. White (secretary, West of England) and W. Cruickshank (secretary, Edinburgh).

After apologising to any whose names he had inadvertently omitted to mention, Mr. Whittle singled out Mr. C. W. Bowerman for a special personal welcome, expressing the hope that he might long be spared to enjoy well-merited content and happiness—a sentiment that was greeted with enthusiastic applause.

Mr. Bowerman, responding to the toast, congratulated the Association on the magnificent progress it had made, and said it had won respect by the work it was doing on behalf of its members. In the hands of the present officials he felt sure this good work would be increased in the future. On behalf of the ladies and visitors he expressed appreciative thanks for the opportunity afforded of participating in such a splendid gathering.

Brief responses, with cordial expressions of thanks and good fellowship, were also made on behalf of the various Centres by Messrs. J. N. Poole, F. J. Hughes, F. Smallwood, P. T. Austin, W. Cruickshank, E. W. Bennett and J. W. Tilley.

"THE PRESIDENT"

The toast of "The President" was proposed by Mr. R. B. Simpson (vice-president), who recalled the Association's good fortune in its excellent series of presidents during nearly forty years. Their present president, he said, when he was elected last November, had told them he would do his best, but they must not expect too much. Well, they had expected he would uphold the dignity and welfare of the Association, and he had done so. Mr. Simpson quoted the opinion of a provincial member who had said that their present president was a man determined and level-headed, and the Association could not go far wrong with such a man at its head. That, he added, was the opinion also of the London members. Mr. Simpson concluded by coupling the name of Mrs. Walters with the toast.

This toast was received with musical honours and cheers, an extra cheer being given for Mrs. Walters.

Suitable response having been made by the president, Mr. A. H. Wilson (past president) proposed the toast of "The Stewards," to whom the company was indebted for the excellent arrangements made—namely, Messrs. R. Condliff, W. W. Curtis, W. H. Gill, J. P. Marris, A. Shepherd, R. B. Simpson, A. Weatherill and the general secretary.

The stewards gathered in a merry group upon the platform while responses were made by Messrs. Curtis and Gill.

This concluded the banquet, and dancing followed. The ballroom presented a picture of brightness and gaiety, and the fun continued right merrily until about midnight.

Hudson and Kearns' Auxiliary Printers' Pension Concert

In connection with their efforts towards their fifth pension, the committee and members of Hudson and Kearns' Auxiliary of the Printers' Pension Corporation are to be heartily congratulated on the highly successful concert held at the Bridge House Hotel on Saturday, the 5th instant. For the second time in the history of this Auxiliary the chair was occupied by Mr. W. H. Cockle, the works manager of this well-known house, supported by the Rt. Hon. C. W. Bowerman, J.P., P.C., M.P., Messrs. Joseph Mortimer, O.B.E. (secretary of the Corporation), Charles Roud, and F. R. Briant (two well-known members of the Council), Eric Muirsmith, and other influential friends in the trade.

After an excellent first half, during which several popular artistes appeared, the chairman in a most interesting speech thanked the committee for the honour they had conferred upon him by bracketing his name with their Fourth Pension in acknowledgment of services which, thanks to the splendid support accorded him, he was able to render the Auxiliary in 1927 (the centenary year of the Corporation), when his plate amounted to £276. He referred to a striking remark made by another speaker on that occasion to the effect that these pensions were paid out of the interest on the invested monies subscribed, and that they would therefore go on "as long as England waves her flag!" Anything they did for printers' pensions to-day was not only benefiting the aged printer of our own time and period, but the aged printer of the generations ahead. The committee by their action had raised a memorial to his name that would be more lasting than stone, marble or granite.

Proceeding, the chairman said he regretted that, owing to altered conditions and circumstances applying to-day, his plate did not reach the total of 1927, which, however, was not to be expected. He hoped they would consider he had not done too badly when he told them that, thanks to the generous support accorded him, his plate on this occasion amounted to £175.

A hearty vote of thanks proposed by the Rt. Hon. C. W. Bowerman and seconded by Mr. Mortimer was followed by lusty musical honours for the chairman, who replied by tendering his best thanks to everybody who had in any way contributed to such a successful and enjoyable evening.

After the second half of the programme, contributed in excellent and sparkling fashion by Edwynne's Entertainers, a very successful evening was brought to a close with the singing of "Auld Lang Syne".

Spring !

HOW we welcome Spring! How the thought of its coming, after the cold dark days of Winter, quickens our pulses and cheers our spirits !

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Master Printers and the Trade

Federation Council Meeting

At the quarterly meeting of the Council of the Federation of Master Printers, held on April 8th, Mr. William Maxwell (President) occupied the chair.

Mr. Ralph Hazell was appointed a member of the W. Howard Hazell Scholarship Committee.

TECHNICAL BUREAU

The Council agreed to give financial support for a period of five years to the proposed Technical Bureau for the Printing Trades on condition that support was also forthcoming from other organisations concerned, and that the Federation would be adequately represented on the committee of the Bureau.

The Council gave formal and unanimous approval to the proposals that Mr. A. J. Bonwick be nominated as President and Mr. D. P. Forman as Vice-President of the Federation at the annual general meeting of the Federation at Edinburgh on June 3rd.

RATE FOR RULING MACHINES

The Council approved of an extra rate of 5s. being paid on the Shaw Super Imperial Double Sider Automatic Disc Ruling Machine and on a similar machine by Waite and Sheard.

A report of the Costing Committee was submitted by the Chairman, Mr. W. L. Bemrose. This included a reference to the fact that the Federation of Master Printers of South Africa had adopted in their entirety the Standard Conditions in operation in this country, and had also set up a Schedule of Cost corresponding to the Hourly Rates issued by the Federation.

BOOK ON PRINTED SALESMANSHIP

Mr. Alfred Langley submitted the report of the Publicity and Selling Committee. The main feature of this was a proposal that the Federation should prepare and publish a book on Printed Salesmanship on the lines of the Costing book. The proposal was adopted. The book will be written by a well-known authority on salesmanship.

The report of the Contracts, Legislation and Transport Committee, was submitted by Mr. A. J. Bonwick. A sub-committee has been appointed to consider and report on the whole question of Fire Insurance. It was also reported that the Railway Clearing House had decided, in deference to representation made by the Federation, to include printers' travellers among those entitled to Commercial Travellers' cheap ticket (overnight or day) vouchers, and had amended their definition as follows to have effect from February 1st, 1930:—"A Commercial Traveller is a person who in the ordinary course of his employment or occupation functions as the agent or representative of a Manufacturer or of a Wholesale Trading Establishment by travelling from place to place to solicit orders from traders for goods. He is not engaged entirely or principally as a collector of accounts."

YOUNG MASTER PRINTERS

The Council revised its definition of a Young Master Printer as follows:—"Persons between the ages of 18 and 35 who are members of, or are in firms that are members of the Federation, and whose training is being directed with the definite object of their ultimately becoming master printers or being raised to partnership, directorate, secretaryship or general management, shall be deemed to be young master printers."

The Council decided to nominate Mr. E. H. Dennis, of Scarborough, as vice-chairman of the Joint Industrial Council at the annual meeting of the J.I.C. on July 3rd.

Colonel W. H. Barrell, on behalf of the Home Counties Alliance, extended an invitation to the Federation to hold its annual meeting in 1931 at Bournemouth from June 6th to 10th.

South-East London M.P.A.

Annual Meeting and a Presentation

The annual meeting of the South-East London Master Printers Association was held on Tuesday last week at the Bridge House Restaurant, S.E. Mr. J. W. Jackson (president) occupied the chair, supported by a large attendance.

An unofficial item of the agenda was the presentation of a watch to Mr. F. Mason, the hon. secretary, in appreciation of his splendid work for the Association.

"A red-letter year," was the phrase applied by Mr. Mason in his report for the year describing the progress of the Association. For this they were greatly indebted to Mr. J. Lack, who had organised the series of talks on "Selling Print," which had met with such success. In addition, the social events, as always, had met with unqualified success, bearing out the view that more could be done towards securing active membership of the L.M.P.A. by means of these events than by any other method. Thanks were also tendered to all the officials for their valued services in the interests of the Association.

The report was unanimously adopted, and, in the unavoidable absence of Mr. H. H. Norman (treasurer), a brief statement of accounts was presented by Mr. Mason and was also adopted.

On the proposition of the chairman, Mr. W. E. Chambers was unanimously elected president for the ensuing year. Mr. A. J. Bonwick, who is president-elect of the Federation was re-elected vice-president, and Mr. E. C. Keliher was also elected to that office.

The committee—consisting of Messrs. J. Bryant, E. H. Crosskey, A. Edwards, C. Errington, J. J. Millington, H. J. Wright—was re-elected en bloc, with the addition of Mr. Berry to fill the vacancy caused by Mr. E. C. Keliher's election to the vice-presidency.

The representatives on the L.M.P.A. Council—Messrs. Brigenshaw, Lack and Mason—were also re-elected, with Messrs. Norman and Jackson as deputies.

Messrs. F. Mason (hon. secretary) and H. H. Norman (hon. treasurer) were unanimously re-elected to office.

Mr. Jackson then, on behalf of the Association, presented the hon. secretary with a watch, speaking in terms of high praise of Mr. Mason's ungrudging and unique services for the Association. Messrs. Brigenshaw, Griffiths, Lack and Wm. Whyte heartily endorsed Mr. Jackson's eulogy, and Mr. Mason, in reply, characteristically laid stress on the help he had received from the committee and past presidents of the S.-E. Association.

Several other business matters were discussed, and the meeting closed with a vote of thanks to the chairman.

MR. ROBERT SCOTT, of Melville House, Penrith, Cumberland, proprietor of the *Penrith Observer*, died on Friday. Mr. Scott, who was 86 years of age, had been a newspaper proprietor for 60 years.

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Commercial Bookbinding

By JAS. A. ESLER

VIII.—FORWARDING AND CASEMAKING

The Murray Two-Unit Forwarding Combination (Messrs. Sheridan Machinery) performs the processes of rounding and backing, and first and second lining, in a series of uninterrupted operations. The books are automatically fed from a hopper one by one, by a convex former, which makes contact with the fore-edge, and thrusts the book upwards between guides, until the back of the book is forced into a concave former which has the curve which it is desired to impart to the book. While the book is maintained in this form the clamp closes upon it, the concave formers are withdrawn and the jointing roller is lowered into contact with the rounded back of the book and, by the usual side-to-side movements, the roller moulds the back into the required shape.

The jointing roller is operated by a novel arrangement of variable-throw cranks, which can be simply adjusted to control the roller in its circular path as it moulds the back of the book to shape.

FIRST AND SECOND LINING

Rounding and backing having been completed, the next step is to add what are termed first and second linings to the backed volumes, after which the books are ready for their cases. The lining process consists of adding a piece of mull almost the length of the back and having a flap about one inch wide projecting on each side to strengthen the joint, this is attached with a coating of glue and well rubbed down, as the whole weight of the book swings on this in conjunction with the tapes. A strip of brown paper is finally added over the mull, and the books can now be set aside to await casing-in.

FORWARDING MACHINES

There is hardly any department of bookbinding in which the machine does not play a part, and there is more than one form of machine by which forwarding can be accomplished. One model for adding first and second linings is of the circular type, fitted with an iron table on which a series of small machines operate each independently, any of which can be stopped if not required according to the work being handled, and all controlled by the operator from the feed table. The book is fed automatically into the gripper jaws, of which there are a number on a rotary carrier. The carrier moves the book around to the first gluing machine. A coat of glue is applied to the book back, when the book moves to the mulling apparatus, where the lining is fed, correct in width and length, and affixed to the back of the book. The movement continues, the book next reaching a second gluing apparatus where glue is again applied, after which the final lining is attached. At the next stage the book returns to the operator, who removes it and places another in the same jaws.

The Murray Automatic Forwarding Unit also does first and second lining most effectively. After the rounding and backing is completed, when the jointing operation is ended the clamp is opened and the book is ejected automatically into the second unit or lining machine, where the first and second lining operations are successively performed.

The working speed of this combination, including rounding and backing, is about 20 books per minute.

CASEMAKING

Cloth casemaking by hand, except in instances where outsizes are required or for very small quantities, seldom occurs; and the process is too well known to require description here.

The binder who has any quantity of casemaking to do where a machine is not available will doubtless make use of a gluing machine. This accessory, of which

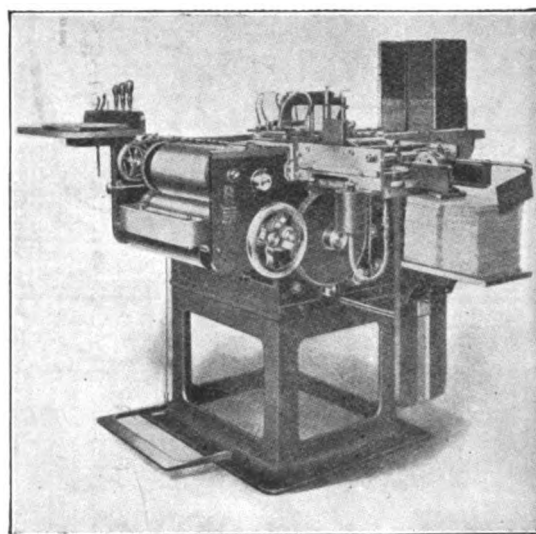


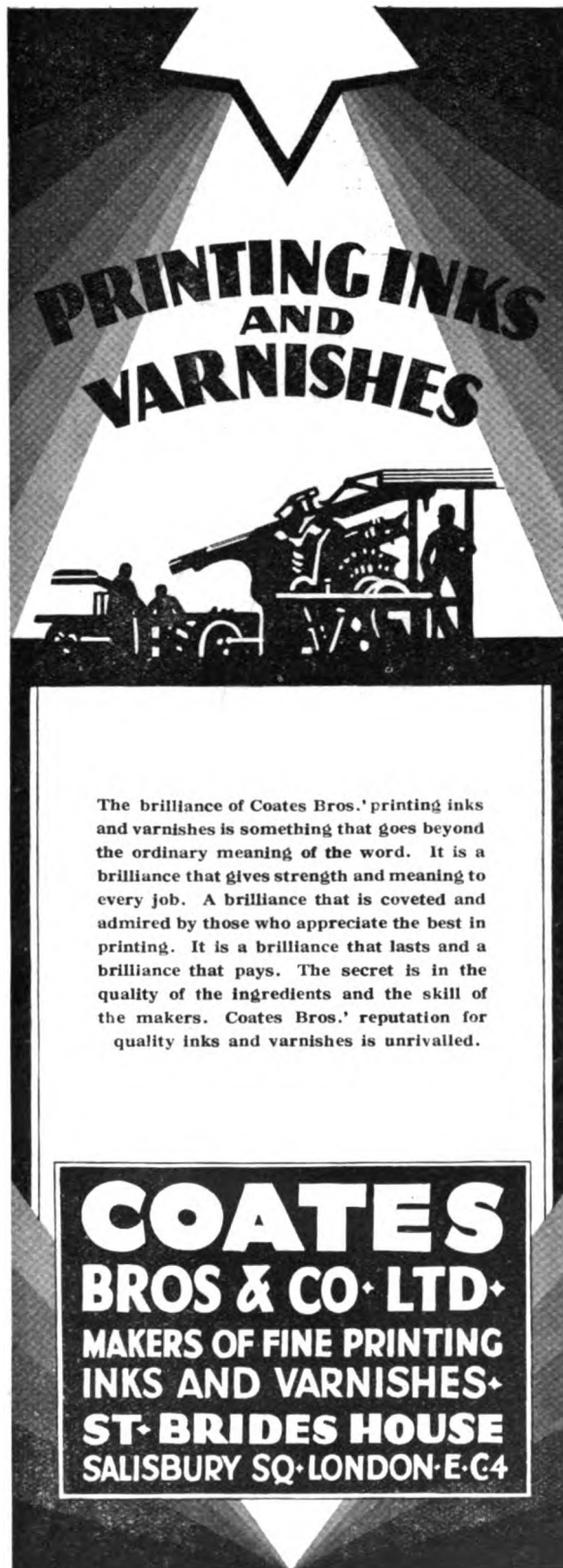
FIG. 1. NO. 1 SMYTH CASEMAKING MACHINE

there are many models on the market, will, if used to keep a number of casemakers occupied, effect an appreciable saving and quickly justify its introduction.

CASEMAKING MACHINES

These machines will make cloth or half-bound cases, and these can be made with or without back linings. Excellent half or quarter-bound work can be obtained on certain makes of machines by use of the special attachment which is supplied as an extra. The adjustments from one size to another within the limits of the machine can be easily and quickly made, and runs of 100 cases can be handled economically.

The Smyth Casemaking Machines, Fig. 1 (Messrs. Smyth-Horne, Ltd.), were first introduced in 1895, and within a few years they were in general use in the leading binderies of England and United States. They are made in two standard sizes, the general operation being practically the same in both machines. The boards are placed in magazines at the rear of the machine, the heated glue being in a tank underneath the front, and the back lining in a roll at rear of machine. The cover fabric, cut to size on a cloth-cutting machine, is laid in position on a feed table.



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FOR THE BINDERY

As the cloth is fed in, it comes in contact with the glue roll and receives an even coating of glue. A cloth-carrier provided with grippers then carries the cloth forward on to a platform, glued side up. A pair of boards having been withdrawn from the magazine and the back lining cut to correct size, these are then placed in proper position on the glued cover. The top and bottom edges of cover are turned-in, as in the process by hand, and the sides are then folded over. The case, thus completed, is subjected to an even pressure during the time the next case is being made, and is finally delivered to the receiving table.

The standard range of the No. 1 machine is suited to the usual sizes of edition or school book covers, and has many improvements which have increased its smoothness of operation and its speed. It produces perfect cases at from 18 to 20 per minute.

The No. 1 machine is readily adapted for the production of quarter-bound or half-bound covers by use of the half-bound attachments, and has a range of from 5½ins. by 7½ins. to 9½ins. by 15½ins. The machine will make cases from either plain or grained cloth, or plain or printed paper; and plain or bevelled boards can be used. The work produced is in every way superior to that obtained from hand labour, and, of course, the cases are delivered absolutely uniform in size.

The Smyth Automatic Casemaking Machine has all the advantages of the hand-fed casemaker and provides much greater speed. Up to 21 cases per minute can be made. An important feature of the automatic machine is the electric control by means of which the machine is stopped if either the backlining, boards or cloth are used up, or if any of these materials are seriously defective; or if either boards, cloth, or lining fail to be correctly assembled to the platform; or if the case fails to be delivered into the press. The action of

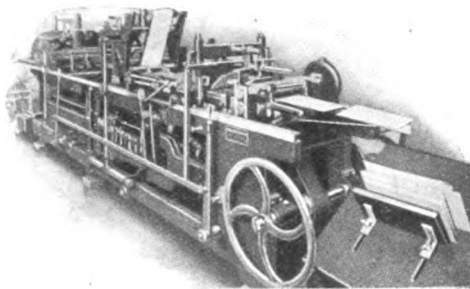


FIG. 2. SHERIDAN CASEMAKING MACHINE

the automatic stop is instant, with the result that materials are undamaged. This control enables the operator to devote his time to keeping the machine supplied with material.

The Sheridan Casemaker, Fig. 2 (Messrs. Sheridan Machinery Coy., Ltd.), is built to run at a speed of 30 to 40 cases per minute; the new Sheridan will turn out over 12,000 cases per day, the quality of the work being superior to the hand-made article. The glue does not overflow the edge of the cloth and a clean case with perfectly turned corners is assured. The adjustments are all of the simplest nature, and changes from the smallest to the largest sizes can be quickly and easily made. The cloth is accurately fed from a continuous roll passing through a gluing device. The two boards are accurately placed by a hopper feed.

The forwarding movement is an adjustable gripper, operating in conjunction with the corner-cutting mechanism which cuts the corners, while the gripper,

still holding the cloth and board, moves them forward to the turn-in rolls. This assures accuracy in placing the back liner, and prevents faulty turning-in, or displacement of boards due to any strain on the cloth.

The back linings are automatically fed from a continuous roll, the moveable stripping knife cutting off the exact width. A pneumatic device grips the strip and holds it while being cut, and does not release it until it is placed on the glued cover.

An improved system of corner-cutting, working with a combination die and shear principle, gives a cleaner

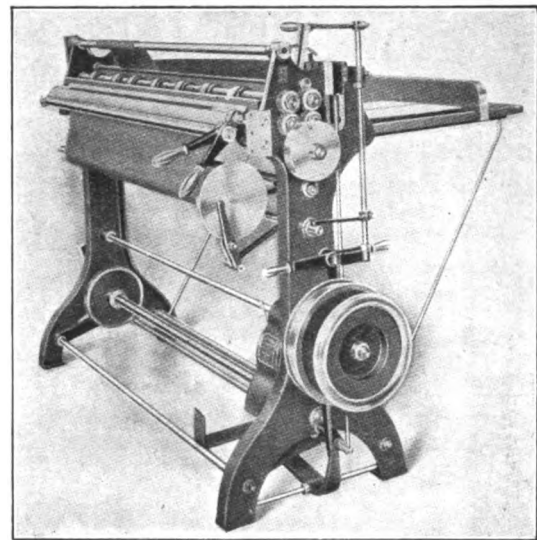


FIG. 3. NO. 1 SMYTH CLOTH-CUTTING MACHINE

cut and adds life and ease of adjustment to the knives, and also takes care of the waste from each corner cut out individually, preventing clogging of the glued corners. The corner tucks can be adjusted easily.

The heads and tails are turned-in, as in a hand-made case, in two operations. When finished, the case is moved off the second folding table and automatically fed into the smoothing rollers.

CLOTH-CUTTING MACHINES

Whatever make of casemaking machine is used, a mechanical cloth-cutter is an essential. Prior to the development of the Smyth Cloth-cutting Machine, cloth was cut to the sizes required for cases by hand. The chief disadvantages of this method were that the cut pieces varied in size, that there was considerable waste, and that an additional operation was necessary to re-wind that portion of the roll of cloth which was not used.

The No. 1 Smyth Cloth-Cutting Machine, Fig. 3 (Messrs. Smyth-Horne, Ltd.), carries a roll of book-binder's cloth up to 42ins. in width and 12ins. in diameter, and cuts into rectangular sheets from 2ins. by 5ins. in size up to 24ins. by 42ins. The curl is removed from the material, and the unused portion of the roll can be rewound. The machine is entirely automatic in operation, and runs at a speed of from 20 to 27 cuts per minute. On being unwound from the roll, the cloth first passes through a straightening device to remove the curl, then through the circular slitters which are adjustable for any desired size, and then under the cross knife which shears the slit portion of the roll

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into rectangular sheets. After being cut off, the sheets are piled up on a receiving table. The adjustments of the straightening device, the slitters and the cross-cut knife are rapidly made, so that the machine can operate economically on very short runs.

The Sheridan Cloth-Slitter and Rewinder, furnished

with all Sheridan casemakers, is compact and simple and requires little power to operate. The double set of circular knives ensure absolute accuracy. The machine can be easily adjusted to cut desired widths. It will take rolls up to 40ins. in width and will cut and rewind rolls up to 12ins. in diameter.

Bookbinding as Labour of Love

The Roycroft Example

The world will never know exactly how great a debt it owes to the example and teachings of William Morris. His illumined artistry touched so many realms of human creative activity—from poetry to the making of kitchen chairs—that his influence is by no means confined to any one of the arts or crafts, and artists and craftsmen who drew inspiration from him are to be found all over the world. The arts and crafts of book-production are, of course, prominent among those to which his genius brought a renaissance.

Of those whom William Morris inspired to better things in the making of books, an outstanding example is the late Elbert Hubbard, whose name is already a familiar one in two continents. Of his work and that of his followers an interesting account appears in the current issue of the *Graphic Arts Monthly* (Chicago), from which we take the following extracts:—

“Art is the expression of man's joy in his work; it is the beautiful way of doing things.” And it was with this ideal and idea in mind that some thirty years ago Elbert Hubbard founded the Roycroft Shops. Taking with him a baker's dozen of East Aurora's boys and girls he provided them with the tools, tuition, and environment which enabled them to express themselves in the making of beautiful books.

A little journey to the home of that master-craftsman, William Morris, inspired that action—a protest against the slipshod and the shoddy by the founding of an institution devoted to the arts and crafts with the slogan “Not how cheap, but how good!”

“HEAD, HAND AND HEART.”

Elbert Hubbard had prophetic vision. And a rare sense of values. And so in a little New York State village he set up a printshop and a bindery where opportunity was given to work with “head, hand, and heart.”

The Roycrofters first started printing books in 1895. Their first book, *The Song of Songs*, was printed on an old Washington hand press. There were only a thousand copies of this book, which sold out almost immediately. In fact, the way it was received was a source of inspiration to The Roycrofters.

There are several hundred volumes in my collection. Some of them are exquisitely printed on hand-made papers and the initials and borders hand-illuminated in water colour. Then some of the books have free-hand sketches in them by various artists of note. Special bindings have been put on many of them, running all the way from an artistic light board binding to the very finest of full levant with elaborate hand tooling.

It is interesting to note that The Roycrofters have made excellent reprints of a great many of the classics. Here are some of them that are long, long out of print: *Art and Life*, *On Going to Church*, *Upland Pastures*, *The Book of Job*, *The Book of Ecclesiastes*, *Sesame and Lilies*, *The Deserted Village*, *Sonnets from the Portuguese*, *In Memoriam*, *Hand and Brain*, *The Dipsy*

Chanty, *A Dream of John Bull*, *Friendship*, *Intellectual Life*, and a great many others.

There is something about an old book that has a fascination for me, and I get a big “kick” out of the memories and associations that these particular ones bring back to me. They recall the early days of the Roycroft Shop and many of the names and faces of numerous artists and authors and craftsmen who have, at one time or another, been Roycrofters for varied spells.

Two men and a boy constituted the first bindery. A converted barn was their workshop. And from this little building there issued the first Roycroft books. Since that early day Roycroft has grown mightily. Men of international reputation have worked at the benches of Roycroft, leaving behind them examples of their work both in bound volumes of almost priceless worth and grateful and apt pupils who are destined to carry on the work of fine bindings.

The “boy” who completed the blessed trinity which constituted the first Roycroft bindery staff was Charles W. Youngers. He is still with us, the superintendent of the Roycroft bindery, a “bibliopegist-extraordinary,” and a loyal Roycrofter who boasts of thirty years of continuous service with us. To Mr. Youngers much of the credit for the success of the Roycroft bindery is due. Devoted to his craft, and imbued with the spirit and ideals of The Roycrofters (or “King's craftsmen”) he has spent the whole of his life in their furtherance, and Elbert Hubbard himself, before he sailed on his last little journey, made public recognition of Mr. Youngers' ability and value.

FINE BINDINGS OF TO-DAY

The Roycroft buildings to-day cover many acres. The bindery is a model one for the making of fine bindings, and annually thousands of visitors are interested witnesses of the wonderful work done by the Roycroft boys and girls in the binding and forwarding of Roycroft books.

The Roycrofters during the last thirty years have made many books. Documents of importance, memorials and volumes of rare historical value and significance have been treated in a relevant and reverent manner. Examples of Roycroft typography and bibliopegy are to be found in company of the choicest products of both the old and the modern craftsmen, housed in libraries of the bibliophile, or behind the glass screens of arts and crafts museums and culture centres the world over.

At Roycroft every step in book-making is jealously supervised and carried out. So are the standards of quality, beauty and permanency maintained. Careful, expert selection of the most suitable material for every specific need is a Roycroft principle.

For instance, buckram made from the finest cotton is generally chosen by us for binding heavy books of refer-

ence where the utmost in strength and in durability is the prime consideration. Colour cloths of linen finish and batik papers of beautiful hues and tints are also pressed into service by The Roycrofters and give an added warmth and grace to the subject they clothe.

It has been said that "clothes mirror the man." The Roycrofters have a like feeling regarding books, and so they design garbs that reflect the character and mirror the personality of subject and author, using materials and decorations to attain that end. They are books of distinction and beauty whether they wear the apparel of ceremonies or the simple dress of everyday usefulness.

Without doubt, morocco is the most beautiful and durable for book-binding. It is goatskin—fine in grain, soft in substance, and very flexible.

METHOD OF BINDING

Following the best modern tradition, the back of the levant binding is made hollow, and to impart to it the strength and flexibility of the tight-back book, much coveted by some connoisseurs, we first line the back with imported morocco leather. By this arrangement we embody in our binding every good quality of the tight-back, at the same time giving added stability to the book and preserving the beautiful finish of the levant cover as well as any gold tooling that may have been put upon it—results not to be found in the tight-back book. Add to this that the book so constructed lies open practically flat, and you have a binding as nearly ideal as possible.

For covering we use only the very best grade of cape levant morocco leather, tanned by the natives of Africa and coloured and finished by expert leather-dressers in Paris. With the same infinite care and patience we search every corner of the world for the high-grade

materials necessary to the making of a thoroughly good binding.

As to workmanship: Throughout, the workmanship of our levant bindings is of the very highest order. It is on a par, both in quality and artistic merit, with any in the world.

SEWING

Great stress is laid upon the sewing of the book. The work is done wholly by hand with the best grade of Japan silk thread. Invariably, the books are sewn "all along," a technical term which means that each section of the book is sewn throughout its full length. Instead of sewing around hemp cords, as most binders do, we use for this purpose the best quality of pure rope silk. Thus our method of sewing, the foundation of any binding, insures the greatest possible strength and flexibility, which, in connection with our thorough and rather unique way of treating the back, allows the book to lie open almost perfectly flat, a property highly valued by book lovers.

In the making of the cover we use only the very best grade of English rope tarboard, handmade and unsurpassed for its wearing quality. It is the same article that has been used by the foremost English binders for more than a century.

To securely fasten the boards to the book we "lace in" every one of the rope-silk cords or "bands" that the book was sewn upon, instead of lacing in only the two outer cords, thus leaving the binding weak at the point where the strain is greatest. No fabric is used in the hinges of Roycroft de luxe books. All are hand sewn with silk or linen and the covers leather-hinged.

GILDING

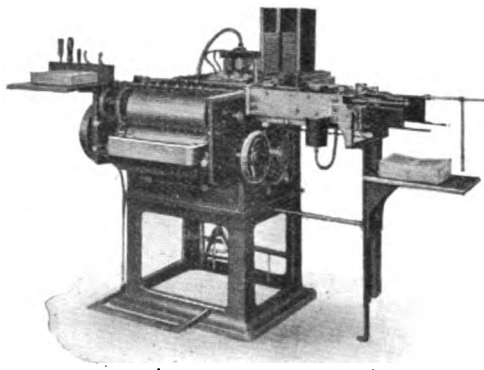
Many Roycroft editions have gilt edges. The gold leaf used is the purest procurable and is supplied in ingots to the manufacturers by the United States mint and

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transformed into sheets about three inches square. The books are placed in vises, scraped and otherwise prepared to receive these squares from the hands of the gilder who, using a knife and a cushion, places the gold leaf on the edge of the book, releasing it by a light breath and polishing it with a bloodstone or agate.

Expertness and cleanliness enter largely into book-binding. The paste or glue used in the casing-in of the books, the tipping in of illustrations, etc., must be of the

finest quality and be applied dexterously and neatly.

Our Roycroft boys and girls are conscientious workers. They work with head, hand, and heart. "Not how cheap—how quickly—but how good" is the only concern of these boys and girls. The result is a highly artistic work, very, very carefully done.

And as Carlyle said, "The glory of a workman, still more of a master-workman, that he does his work well, ought to be his most priceless possession."

Trade Rulers and Vellum Binders

L.M.P.A. Section's Annual Meeting

At the annual meeting of the Trade Rulers and Vellum Binders Section of the London Master Printers Association on April 9th, Mr. A. Willmott was re-elected chairman, Mr. G. N. Wells, hon. secretary, Mr. H. R. Danford as the Section's representative on the L.M.P.A. Council, and Mr. F. W. Garner was elected hon. registrar. The Committee was elected as follows: Messrs. A. Willmott, Charles Barton, W. B. Carter, A. R. J. Creed, H. R. Danford, L. F. Francke, F. W. Garner, T. J. Hunt, T. S. Hunt, H. F. Knight, J. Lunn, E. A. Neale, H. W. Prockter, G. W. Tee, G. N. Wells and F. L. Willmott.

The Committee's annual report for 1929-30 stated that speaking generally the result of the last twelve months' work did not compare favourably with that of the previous period. One considerable factor that contributed to this disappointment was the Hatry case, which resulted in a great loss of work to the printing trade.

SERVICE AND ADVERTISING

The Committee desired to emphasise the importance of service as an asset in the business. At a time when fewer orders were being placed, there was a tendency for the buyer to be more keen on the price he had to pay, but the buyer would think twice before removing his work over a matter of price if he had received good service in the past.

The Committee also wished to remind members of the value of advertising the services they were organised to give. It was suggested by this means members could render service to printers, especially those who were engaged in creating more printing, by making it known that there were many specialised services they can supply. In this connection it was urged that members should make greater efforts to keep in touch with developments in the printing trade by closer co-operation with members of other sections of the trade, by attendance at District Association meetings and similar gatherings.

PRICE LISTS

Regarding price lists, the Binding Sub-Committee was now engaged in the revision of the Flush Binding List. At the last quarterly meeting the chairman (Mr. A. Willmott) reported on the progress made, explaining that every item of cost in the building up of a price is receiving individual attention, and that the aim of the Committee is to present prices which will represent fair, average figures.

The chairman, Mr. A. Willmott, and Mr. H. R. Danford, had continued to represent the Section on the L.M.P.A. Council, Mr. Willmott as a member of the Central Districts M.P.A. and Mr. Danford as the Section's elected representative. The Committee desired

to record its warmest thanks to Mr. Willmott and Mr. Danford for the valuable assistance they had afforded in this connection.

Progress was reported in respect of the "Where to Buy" Book, and of the Cost of Production Investigation.

Several additional matters of interest to the trade had been discussed at the quarterly meetings. The Committee trusted that members would, during the coming year, make a special effort to attend these meetings.

The Committee also hoped that members would encourage the younger men in their business to attend when it could be arranged, as they were anxious that the Section should keep step with the District Associations in making the young men realise that their co-operation was desired.

Two new members were elected to the Section during the year, the total membership is now 52.

STATIONERS' ASSOCIATION.—Delegates to the number of nearly 400, from all parts of the United Kingdom, including contingents from Glasgow, Newcastle, Manchester, Yorkshire and London, are expected to attend the annual convention of the Stationers' Association which is to be held at Torquay from May 31st to June 5th, when a series of notable business and social events will take place.



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packages of 500 sheets and
calculated per thousand, will
save time and ensure
accuracy

Trade Notes

THE firm of John McCormick, manufacturing stationer of Glasgow, has removed to more convenient premises at 74, Buchanan Street, Glasgow, C.1.

THE *Irish Statesman*, of which Mr. George W. Russell is editor, ceased publication with its issue of Saturday last.

JUDGMENT for £177 12s. 7d. was given last Thursday against Mr. Billy Merson, the comedian, for printing done by Messrs. John Horn, Ltd., Charing Cross Road, in connection with the touring musical comedy "Play-mates." The defence was that the work was done for Modern Entertainments, Ltd., who employed Mr. Merson and ran the play. Defendant said he and his son formed the company in 1926, but he afterwards disposed of his interest in it. His Lordship said he had no doubt Mr. Merson gave the order.

THE Victoria Rubber Co., Ltd., of Edinburgh, state that it has been brought to their notice that the success of their "Emerald" offset blanket has induced certain competing manufacturers to adopt in their blankets, this company's distinctive green colour. The company desires to caution the printing trade against being misled by this, and to state that the company holds the sole right to use the patents under which the "Imperial Emerald" offset blanket is manufactured.

THE next examination under the W. Howard Hazell Scholarship will take place within the next few weeks and applications on behalf of Young Master Printers who are eligible should be made to the Federation of Master Printers.

SIR JOHN RITCHIE FINDLAY, Lord-Lieutenant of Banffshire, and principal proprietor of the *Scotsman* and its associated papers, died at Edinburgh on Sunday. Sir John was identified with many public and professional institutions. The heir to the baronetcy is Mr. J. L. R. Findlay, who is a partner in John Ritchie and Company, owners of the *Scotsman*.

THE death has occurred of Mr. C. J. Corkran, in his 75th year, who 45 years ago started the *West London Press* and *Chelsea News* and a chain of local newspapers in South-West London. Formerly he was editor of the *Coventry Standard*.

FOLLOWING a seizure, Mr. W. C. ("Joe") Proctor, a well-known member of the London Society of Compositors, and of the Typographical Association, has died at St. Pancras Hospital.

THE late Mr. George William Young (67), of Barnes, S.W., past president of the Geologists' Association,

member of London Master Printers' Association, left £25,769.

THE late Mr. Harry Milton Mansell, of Luton and Marlow, carrying on business as C. A. Coutts and Co., Golden Lane, E.C., and Limehouse, E., fancy cardboard box manufacturers, left £95,522.

By selling special postage stamps, Germany has raised over £250,000 for charity within the last few years.

THE exports of goods classified as "printing machines" from the United States of America during 1928 had increased in value more than a hundred per cent. over the amount for 1922. The 1928 value of \$16,579,000 was 8.7 per cent. higher than that of 1927.

NEW BEN DAY METHOD.—Para-Tone is a new shading medium that will be welcomed by artists for advertising purposes. It is a series of Ben Day line, dot, and other tints printed on transparent paper. When a fashion artist has completed an outline drawing, he selects appropriate tint textures for the different parts of the garment—cuts the tint for the skirt, for example—lays it face down on the drawing, goes over the back of the tint with a small roller or burnisher, wets the piece of tint paper, when it strips off, leaving the tint in black line or dots on the drawing. There are other methods of laying these tints, this is merely an indication. The advantage of the scheme is that the artist visualises the effect, and does not leave the tint-laying to the engraver. The new method is quicker and cheaper, and the engraver may offset the tints on metal and etch them.

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Country News

BIRMINGHAM

THE death occurred last week at the Dudley Road Hospital, Birmingham, of Mr. Charles Robb, printer. He was 44 years of age, and was for some years a much respected member of the *Birmingham Post* companionship.

THE Printing Trade Billiard League, in Birmingham, has had a very successful season. The winners of the shield were Kenrick and Jefferson's, West Bromwich, and the runners-up the *Birmingham Post* and Mail team. The shield was awarded at a successful social function on Friday night last.

BRADFORD

MR. H. H. TETLEY, a well-known Bradford master printer, who is over 70 years of age, in commenting on a proposal for the compulsory retirement at the age of 65 of all directors, says that a man of 65 or 70 in these days is very often in the prime of his mental powers. He has behind him a long life, full of experience, and he is often as mentally fit as a man of 40. "Immediately I feel I am unable to do my duties as a director, I shall retire straight away," he added.

BRISTOL

"PHOTOGRAVURE from A to Z," was the title of a lecture delivered at the Grand Hotel, Bristol, by Mr. Wilfred Greaves, through the courtesy of Linotype and Machinery, Ltd. The lecture, which was largely attended, was under the auspices of the West of England Centre of the P.M. & O.A., and Mr. E. W. Bennett, the president of the Centre, presided. The lecturer explained the various processes of photogravure with great clearness, and also answered a large number of questions. Cordial thanks were accorded to Mr. Greaves for his lecture and to the chairman for presiding.

DUBLIN

MESSRS. JAMES DUFFY AND Co., a well-known Dublin firm of book publishers, will this year celebrate the centenary of their foundation. Few firms in Ireland, associated with the book trade, have a longer history, and Messrs. Duffy's publications have gone out to all parts of the world where Irish people are resident. James Duffy, one of the early principals of the firm, published the "Spirit of the Nation" series of books, which in the middle of last century did much to educate the Irish people in the elements of patriotic nationality.

EXETER.

AN address on "Health Problems and the Betterment of the Printing Trade" was given at the Exeter Guildhall last week by Mr. R. Grier Evans (chairman of the Health Committee of the Joint Industrial Council, London). Mr. S. Smith (vice-chairman of the Exeter Joint Industrial Council of the Printing and Allied Trades) presided. Mr. Grier Evans, referring to the Joint Industrial Council of the Printing and Allied Trades, said it appeared to him to embody a new attitude of mind and a new outlook on the relationship of employers and employed in the industry. He emphasised the importance of co-operation to raise the status of the industry. Speaking of the Joint Industrial Council apprenticeship scheme, which provides for the setting up of local apprenticeship committees, he said their functions were in the main to see that suitable boys were selected, and that educational facilities should be secured. The scheme had not been so widely adopted as they had hoped. He thought the J.I.C. had performed many functions of great usefulness to the industry, and was an institution in which they might well take pride, inasmuch as it had been more continuous and determined in its operations than had the

J.I.C. of any other industry. Acknowledgment of that had been made by the Government, and it had been cited as a model to other industries.

IPSWICH

MUCH information concerning Ipswich in Wolsey's day was given in an address the other day by Mr. Vincent B. Redstone to members of the Suffolk Institute of Archaeology. He recalled that printing was carried on to a great extent in Ipswich in Wolsey's day, and the town was almost as important as London in this respect. Mr. Redstone showed the frontispiece of an Ipswich book, now in the British Museum, depicting Bale delivering a volume to Edward VI. Bale, he said, belonged to the Carmelite Friars, who had a press on the site where Messrs. Cowell's premises now stand. At the bottom of the frontispiece was inscribed "May my tongue be the pen of a ready writer," with the signature "Robert Wright," one of the wood-carvers of Ipswich.

SHEFFIELD

ALDERMAN T. H. WATKINS, chairman of the Finance Committee of the Sheffield City Council, in speaking at Hull the other day referred to Sheffield's municipal printing experiment. He said that as an enormous amount of printing was being done on behalf of the Corporation and its undertakings, a printing and stationery department had been set up. When tenders were invited for some Corporation printing it was found that the department's printing organisation charges were 12½ per cent. over costs. The private traders' figures worked out at 25 to 50 per cent. over costs. The premises had been extended, so successful had been the venture, and now they were undertaking not only the printing of tram tickets, but all the various forms and papers required by the Education Authority.

Printers' Rifle League

The results of the Printers' Rifle League, held under the auspices of the Printing and Allied Trades Charity Sports Association, have just been declared as follows:—

DIVISION I

The *Daily Telegraph* Challenge Cup (medals kindly presented by the proprietors of the *Daily Telegraph*):—

	Pts.
1 House of Dickinson "A" Team ...	34
2 Bradbank "A" Team ...	32
3 W. H. Smith and Son "A" Team ...	23
4 House of Dickinson "B" Team ...	22
5 Amalgamated Press "A" Team ...	20
6 P.O.S.B. ...	17
7 Britannia ...	14
8 W. H. Smith and Son "B" Team ...	12
9 Bradbank "B" Team ...	6

DIVISION II

The "Dewar" Challenge Shield:—

	Pts.
1 Linotype ...	29
2 Field ...	27
3 House of Dickinson "C" Team ...	26
4 Paragon ...	24
5 Empire Paper Mills ...	20
6 Waterlows (Dunstable) ...	18
7 Pearsons ...	17
8 Amalgamated Press "B" Team ...	11
9 House of Dickinson "D" Team ...	8

It is hoped to start the summer league competition early in May, of which particulars can be obtained from the rifle section secretary, Mr. A. J. C. Pescud, 158, Erlanger Road, New Cross, S.E.14.

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Joint Industrial Council

Quarterly Meeting

Mr. E. H. Lee presided at the Quarterly Meeting of the Joint Industrial Council of the Printing and Allied Trades, held at Montagu House, Whitehall, on April 9th.

A reply from the General Post Office to the deputation from the Council that recently waited upon the Postmaster-General urging the restoration of the Penny Post and the removal of anomalies were submitted and was considered to be very unsatisfactory. The correspondence will be continued and the Postmaster-General will be further urged to consider the removal of anomalies and the re-introduction of the Sample Post.

The Council gave long consideration to a deadlock that had arisen in the negotiations between the National Union of Journalists and the Newspaper Society on the question of an agreement proposed by the Union for a five-and-a-half day week and three weeks holiday for journalists. A special committee of the Council was appointed to meet the two parties and it is hoped that a satisfactory settlement will be reached.

APPRENTICES

An interesting report on behalf of the Apprenticeship Committee was submitted by Mr. R. Kneale in connection with the proposed medical and intelligence tests for boys desiring to enter the printing trade as apprentices, and consideration of these is continuing.

Representatives of the Council had also met officials of the Board of Education, and the latter had undertaken to make a survey of the facilities for technical education existing in the printing industry and to issue a report.

HEALTH PROBLEMS

The report of the Health Committee was submitted by Mr. R. G. Evans, who was able to state that remedies suggested by the building section of the Department of Scientific and Industrial Research for dust rising from concrete floors, had been tried by one or two firms with very great success, and the whole question had aroused a great deal of interest in the trade already; details of the remedies would be made available to firms concerned. He also reported that a leaflet on Dermatitis, which had been approved by Dr. Sibyl Overton, of the Home Office, would be circulated.

MURIEL FOSTER, aged 14, daughter of a printer, Nantwich, has been chosen by girls at Nantwich Church of England schools to be Rose Queen at the forthcoming Nantwich Cottage Hospital carnival.

THE death is announced, following an operation, of Laban Hall Flemings (67), of Old Hill, of which he was a native. He learnt his trade at Brecon and carried on business in Old Hill for over 30 years as a printer and stationer.

MESSRS. GARRATT AND ATKINSON, the Ealing photo-engravers, announce an improvement in half-tone methods whereby the main etching is by electrolysis instead of the usual acids. They claim that this gives a more even-quality block, with excellent tone value, and a block that is easier to machine, even at the quicker speeds of present-day printing machinery. Messrs. Garratt and Atkinson are able, through recent additions to their studio equipment, to make 24 in. by 20 in. 1, 2, 3, or 4-colour half-tone direct.

Letter to the Editor

"CHAIR OF PRINTING"?

Sir.—During the past few years, and particularly during the past decade, very rapid strides have been made in the direction of technical education in the printing trade. Is it too much to hope that in the near future we shall see the establishment of a "Chair of Printing" in one of our great universities? When we remember that no department of our National life is carried on without the aid of the printer, it does seem that such a "chair" is long overdue, and it does seem to me that here is a great opportunity to encourage the many brilliant young men who are attending our technical schools and arts and crafts lectures.

G. H. T. FREEMAN.

"Good All Through"

The New "Paper and Print"

Mr. Frank Colebrook, F.A.I., sends us a letter in which, in characteristic style, he wittily and acutely applies his expert powers as a "printers' valuer" to the March number of *Paper and Print*.

After offering us his congratulations, he writes: "The opening pages (the colour advertisement pages, I mean) are very arresting—really interesting as well as informing and persuasive. The Dartford Paper Mills' round 'window' is very cute, just the thing to conciliate the trade's amused, admiring and enterprising goodwill.

"Some day we shall wake up, too, in regard to binding; and in such stout publications the vile wire stitching will cease from troubling. "Paper and Print" will be bound with gum and gumption; some firm working with these agents will be pleased to bind, and we shall be bound to be pleased.

"The number is good all through. Mr. Gamble is never a gamble—it is always a certainty that he'll be worth reading; and John Taylor is not only one of the finest living printers, but here once more we see him as a valuable instructor and helper to the whole craft."

For the benefit of any who have not yet seen the March *Paper and Print*, it may be added that the subject of Mr. William Gamble's timely and authoritative article is "Rotogravure in Newspapers." Mrs. Beatrice L. Warde, of the Lanston Monotype Corporation, contributes an engaging study of changing tastes in printers' ornaments, treating instructively of the design and use of borders, with the aid of many interesting illustrations. Mr. S. W. Hayter, the typographer, in "Giving Personality to Printing," offers constructive criticism and valuable suggestions concerning the design of printed matter. Another contribution of unique interest deals with "The Art of the Wood-Cut in Poland and Czechoslovakia," introducing some remarkable illustrations of the work of artists in those countries. Of great practical interest to printers, also, is the article entitled "Humidity in the Pressroom," by Mr. John Taylor, the well-known Manchester printer.

THERE are times when it will pay to use a boot on some employee, because it is all he can understand; but generally speaking, men do their best work under the spur of a kind word and a bit of encouragement.—How.

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Commercial Review

Current Share Prices

Allied Newspapers ord. 30s. 10½d., 8 p.c. cum. pref. 21s. 9d., 21s. 6d., 5½ p.c. 1st deb. 91¼; Allied Northern Newspapers 6½ p.c. deb. 99, 100; Amalgamated Press ord. (10s.), 23s. 9d., 7 p.c. cum. pref. 20s. 1½d., 19s. 10½d., 5½ p.c. deb. 92, 92¼; Anglo-Foreign Newspapers (5s.) 1s. 3d., 1s. 2¼d., defd. (1s.), 3d.; Argus Press Holdings 7½ p.c. pref. 19s. 9d.; Associated Newspapers 22s. 6d., defd. (5s.) 30s. 7½d., 30s. 3¾d., 5 p.c. cum. pref. 18s. 7½d.; British Glues and Chemicals, 8p.c. cum. pref. 19s.; Buff Book 20s.; R. W. Crabtree pref. (10s.) 8s. 3d., 9s. 6d.; Daily Express Newspapers (5s.) 23s. 6d., 23s. 9d., 8 p.c. pref. 25s. 9d.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 105; Thos. De La Rue 13s. 6d.; John Dickinson 39s. 6d., (new) 8s. 6d., 8s. 4½d.; Financial News 5 p.c. cum. pref. 12s. 10½d.; Financial Newspaper Proprietors 15s. 9d.; Financial Times ord. 25s. 7½d., 7 p.c. cum. pref. 21s. 1½d.; Hutchinson and Co. 7 p.c. 1st pref. 12s.; Hutchinson Printing Trust 7½ p.c. 1st pref. 13s. 9d., defd. (1s.) 1s. 3½, 1s. 4d.; Ilford 49s., 6 p.c. pref. 20s. 3d.; Illustrated Newspapers 10s. 4½d., 10s. 7½d., 7 p.c. cum. pref. 14s. 6d.; Industrial Newspapers (1s.) 2¼d., 7½ p.c. pref. 9s. 7½d.; Kelly's Directories 6 p.c. cum. pref. 21s., 7½ p.c. cum. pref. 22s. 10½d.; Lamson Paragon 19s. 3d., 5½ p.c. cum. pref. 17s.; Lanston Monotype Corporation 37s. 3d., 36s. 6d.; Linotype A deb. 71½, B deb. 71¼; George Newnes (10s.) 22s. 1½d., 22s. 6d., 5 p.c. cum. pref. 15s. 10½d., 7 p.c. 2nd cum. pref. (10s.) 9s. 3d.; Odhams Press (4s.) 6s. 3¼d., 6s. 7d., (new) 6s. 4½d., 6s. 7½d., 6 p.c. pref. 16s. 6d., 16s. 7½d., 7 p.c. A pref. 19s. 10½d., 20s.; C. A. Pearson 5½ p.c. cum. pref. 15s. 7½d.; Sunday Pictorial Newspapers 8 p.c. cum. pref. 24s. 3d.; Raphael Tuck 20s. 3d., 5½ p.c. cum. pref. (£5) 83s.; United Newspapers 7½ p.c. cum. pref. 12s. 6d.; Waterlow and Sons def. 36s. 3d., 35s., prefd. 20s. xd., 4 p.c. pref. (cum.) 15s. xd.; Weldons prefd. ord. (10 p.c. cum.) 13s. 9d.; Wyman and Sons 6 p.c. cum. pref. 14s. 9½d.

New Companies

FLEETWAY PRESS (1930), LTD.—Capital £27,500 in 25,000 ordinary shares of 10s. each and 60,000 deferred shares at 5s. each; to acquire the business of newspaper and general printers, bookbinders, lithographers, die-stampers, manufacturing stationers, publishers, booksellers and advertising contractors now or lately carried on by Fleetway Press, Ltd., at 3, 5 and 9, Dane-street, and 12, 14 and 16, Dane-street, Holborn, W.C.1. Private company. Directors: J. S. Allen, W. S. Dexter, W. R. Masters and A. B. C. Morris. Registered office: 3, 5 and 9, Dane-street, Holborn, W.C.1.

KENT COUNTY NEWSPAPERS, LTD.—Capital £20,000 in £1 shares; to acquire, print and publish the *Kent Herald* and the *Dover Standard*; and to adopt agreements (1) with F. A. Jennings, Ltd.; (2) with Rhoda A. Spicer, and

(3) with C. Hardaker. Private company. Subscribers: O. J. Hook and J. Wynne. Solicitors: Stephenson, Harwood and Tatham, 16, Old Broad-street, E.C.2.

THOMAS YATES, LTD.—Capital £8,000 in £1 shares; to acquire the letterpress printing businesses now carried on at Rochdale, Lancs, by Ormerods, Ltd. (as part of their undertaking) and by T. Yates and S. B. Yates trading as "T. Yates." Private company. Directors: H. Ormerod, S. B. Yates and A. C. Harte. Solicitors: C. B. Hudson, Church-lane, Rochdale.

HAIG AND SON, LTD.—Capital £6,000 in £1 shares; to acquire the business of printing ink manufacturers and merchants carried on as "Haig and Son," at Elder-street, Edinburgh, and Pipe-street, Portobello. Private company. Directors: D. Haig and G. Dickson. Registered office: 4, Elder-street, Edinburgh.

HAROLD SHAYLOR, LTD.—Capital £1,000, in £1 shares; printers, publishers, etc. Private company. Subscribers: H. Shaylor and Mrs. C. W. Shaylor. Registered office: 27, Cannon-street, E.C.4.

PALATINE PRINTING CO., LTD.—Capital £1,000, in £1 shares; printers, engravers, publishers, book and print sellers, paper merchants, bookbinders, art journalists, etc. Private company. Directors: J. A. Greenwood and R. H. Breckell. Private company. Registered office: Back 130, Palatine-road, Blackpool.

F. W. ROBERTS AND CO., LTD.—Capital £1,000, in £1 shares; to acquire the business of printers and wholesale stationers carried on by D. Roberts and F. W. Roberts at Wear Valley Works, Bishop Auckland. Private company. Directors: Dorothy Roberts, F. W. Roberts and W. T. Dent. Registered office: Wear Valley Works, Bishop Auckland.

ROSTRUM PRESS, LTD.—Capital £1,000, in 700 preference shares of £1, 800 ordinary shares of 5s. each and 1,000 founders' shares of 2s. each; printers, publishers and proprietors of newspapers, magazines, reviews, books, pamphlets and brochures, etc. Private company. Directors: P. V. Neve (30, Hodford-road, N.W.11), and R. W. Turk.

PRESS SALES, LTD.—Capital £500, in £1 shares; printers, publishers, journalists, stationers, proprietors and publishers of newspapers, etc. Private company. Directors: W. Wells, N. Cowell and T. Aston. Registered office: 4 and 5, Warwick-court, W.C.1.

ST. JOHN'S PUBLISHING CO., LTD.—Capital £500, in £1 shares; to acquire the business carried on at 161, Lavender-hill, S.W., by F. J. Butler, as the "St. John Publishing Co." Printers, publishers, bookbinders, booksellers, advertising agents, etc. Private company. Directors: S. G. Smith and Alice M. Smith. Registered office: 161, Lavender-hill, S.W.11.

FUDGE AND CO., LTD.—Capital £100, in 1s. shares; to acquire the business of printers, publishers, bookbinders, booksellers and literary agents, now carried on by Fudge

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and Co., and by W. K. Fudge, both of Mitre Chambers, Mitre-street, E.C., as "The Mitre Press." Private company. Directors: W. K. Fudge, W. J. Fudge and Miss H. L. M. Fudge. Registered office: Mitre Chambers, Mitre-street, E.C.3.

ONLOOKER PUBLICATIONS, LTD.—Capital £100, in 1s. shares; printers, publishers and sellers of a monthly magazine and other books, periodicals and papers, etc. Private company. Subscribers: W. Robinson and T. J. Wilcox. Registered office: 33, Pershore-street, Birmingham.

I. FRASER AND SONS, LTD.—Capital £1,000, in £1 shares; manufacturers of and dealers in all kinds of cartons, boxes and other receptacles; engineers. Private company. Directors: I. Fraser and J. Fraser. Registered office: Buckingham-avenue, Trading Estate, Slough.

AFRICAN PUBLICITY SERVICE, LTD.—Capital £3,200, in 2,000 10 per cent. cumulative preference and 1,200 ordinary shares of £1 each; to acquire the business of advertising agents and publishers hitherto carried on by the African Publicity Service at 109, Kingsway, W.C.2. Private company. Directors: L. G. Salmon, C. K. Cullen, Mabel Chase (22, Prothero-gardens, Hendon, N.W.4) and H. W. Upton.

POLYCHROME PAPER PRODUCTS, LTD.—Capital £1,000 in 750 10 per cent. cumulative preference shares of £1 each and 1,000 ordinary shares of 1s. each; paper mill proprietors, paper manufacturers and merchants, manufacturers of and dealers in wood and paper pulp and fibrous substances, etc. Directors: T. A. Platt and R. Wolstenholme. Solicitors: Calder, Woods and Sandiford, 7, Newcourt, Lincoln's-inn, W.C.2.

Mortgages and Charges.

DAILY HERALD (1929), LTD.—Particulars filed of £324,000 debenture stock authorised March 15th, 1930, and covered by trust deed of same date, charged on goodwill and connection in relation to the *Daily Herald* newspaper (subject to certain stipulations as to sale) and the company's undertaking and property, present and future, including any uncalled capital, the amount of the present issue being £93,795. Trustees: W. J. B. Odhams and J. E. Ward.

HENRY GOOD AND SON, LTD. (stationers, printers, etc., 33 and 35, Moor-lane, E.C.).—Satisfaction to the extent of

£600 on April 1st, 1930, of second debentures authorised November 1st, 1923, and registered November 2nd, 1923. (According to the register of mortgages, the debentures registered November 2nd, 1923, originally secured £11,000.)

SPARKS AND CO., LTD. (printers, etc., St. Nicholas-street, Ipswich).—Satisfaction to the extent of £800 on March 22nd, 1930, of mortgage dated December 23rd, 1914, and registered December 29th, 1914. (According to the register of mortgages, the mortgage registered December 23rd, 1914, originally secured £800).

REDDING AND SONS, LTD. (printers, etc., Campbell-street, New Wortley, Leeds).—Mortgage on 49, Langham-street and 52, Campbell-street, New Wortley, Leeds, with fixtures, etc., dated March 18th, 1930, to secure all moneys due or to become due from the company to the Midland Bank, Ltd.

PACIFIC PRESS, LTD. (printers, etc., Falcon Mill, Poland-street, Manchester).—Two debentures dated March 21st, 1930, to secure £100 and £50 respectively, charged on the company's undertaking and property present and future. Holders: C. T. Thompson and Mrs. A. H. Thompson, both of 19, Westbury-road, Higher Crumpsall, Manchester.

CAMBRIDGE DAILY NEWS (1929), LTD.—Trust deed dated June 13th, 1900, securing £8,000 first mortgage debentures (being amount outstanding) charged on the undertaking of the Cambridge Daily News, Ltd. (in voluntary liquidation) and its property and assets, present and future, including uncalled capital (being property acquired by the company on December 31st, 1929). Registered pursuant to Section 81 of the Companies Act, 1929. Trustees: J. Guppy, 2 and 3, Eldon-street, E.C., and A. C. Taylor, "The Willows," 269, Hills-road, Cambridge. Trust deed dated December 31st, 1929 supplemental to trust deed dated June 13th, 1900) as substituted security for £8,000 first mortgage debentures deemed to have been issued by the company and a premium of 5 per cent. upon redemption, charged on the company's undertaking and property, present and future, including uncalled capital. Trustees: As above.

DULAU AND CO., LTD. (publishers, etc., 32, Old Bond-street, W).—Satisfaction on March 14th, 1930, of charge on 2, Stafford-street, W.1, dated April 26th, 1929, and registered April 29th, 1929, (According to the "register of mortgages" the charge registered April 29th, 1929, originally secured all moneys, etc.)

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NEWSAGENT'S or BOOKSELLER'S ORDER FORM

To _____

Date _____

Please supply the "British & Colonial Printer" until further notice commencing _____

To _____

Bankruptcies

Re FREDERICK EDGAR JUDD, trading and described in the receiving order as Fred E. Judd and Co., wholesale and manufacturing stationers, lately carrying on business at 146a, Queen Victoria-street, E.C. This debtor attended for public examination in the London Bankruptcy Court on April 10th. He failed in February of this year with liabilities £4,235 and net assets nil. It appeared that he had failed on a previous occasion, having been adjudicated bankrupt in July, 1906, after carrying on business as a printer and stationer. He obtained his discharge from those proceedings on January 24th, 1907. In the latter year he again commenced business as a wholesale and manufacturing stationer at St. Andrew's-hill, Queen Victoria-street, E.C. He afterwards traded there until May, 1926, when he removed to 146a, Queen Victoria-street, E.C., where he carried on until the date of the receiving order. He attributed his failure to bad debts, bad trade, loss of his principal customer in 1928, and to keen competition. He started incurring bad debts in 1925, but he did not realise he was insolvent until 1929 at about the time of the Hatry crash. The examination was concluded.

From the London Gazette

PARTNERSHIPS DISSOLVED.—J. E. Etchells and F. S. Etchells, printers, at the Castle Printing Works, West Tower-street, Carlisle, under the style of H. Etchells and Son. G. H. Porritt and Alice Cunningham, directory publishers, Cookridge Chambers, Cookridge-street, Leeds.

THE BANKRUPTCY ACTS, 1914 AND 1926, RECEIVING ORDERS.—F. E. Speight, residing at 61, Paley-road, Bradford, and carrying on business at 1, Hammerton-street, Bradford, under the style of Scott and Speight, paper merchant. D. B. Blair, residing at 285, Holderness-road, and carrying on business at Jameson Chambers, Jameson-street, Kingston-upon-Hull, advertising agent.

New Water-Colour Inks

The latest example of the distinctive results obtainable by water-colour printing is supplied by Messrs. Slater and Palmer, Ltd. (4, Wine Office Court, E.C.4), who send us specimens produced with their new water-colour inks.

These specimens are four-colour printings, and the blocks used were just of the ordinary type—they had, in fact, previously been used with ordinary printing inks and were not specially prepared in any way. Furthermore, no special set of rollers was required. Printed on white offset paper, the specimens effectively demonstrate the brightness of the new inks, and their pleasing water-colour effect.

Messrs. Slater and Palmer can make the new water-colour inks in all shades, and they also supply the matt inks that are not susceptible to water.

SOME good examples of intaglio offset printing—large reproductions of photos, of Sydney Harbour Bridge—lately reached us from Messrs. Bloxham and Chambers, Ltd., of Sydney, indicating that up-to-date illustrative processes are making progress “down under.”

PREPAID ADVERTISEMENTS

The Minimum Charges for Three Lines, with an average of eight words to the line, for Advertisements under the headings given below are as follows (extra lines at proportionate rates):—

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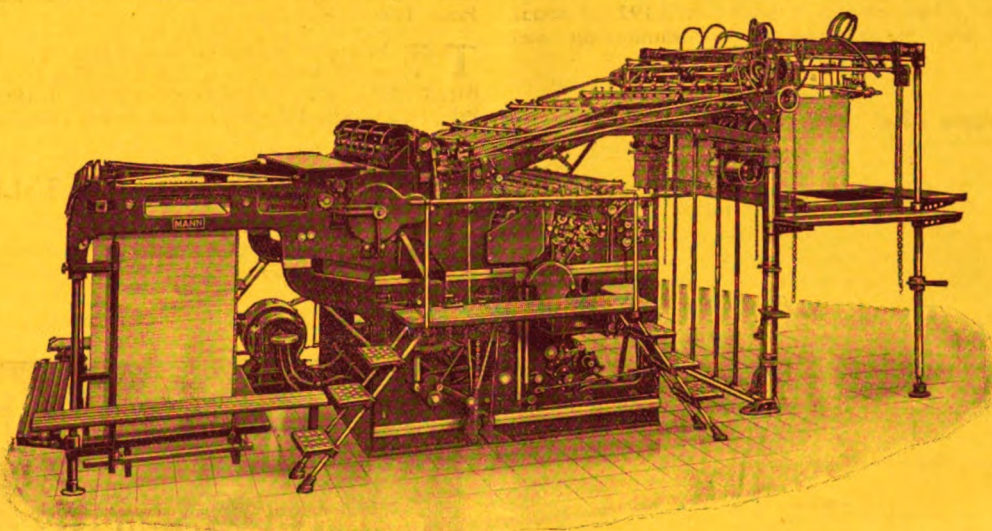
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Cables: "Lithoman, London"

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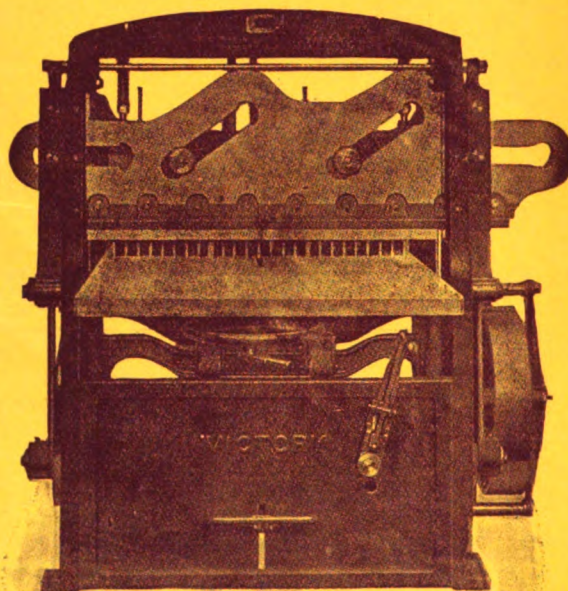
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UNIV. OF

THE BRITISH & COLONIAL PRINTER AND STATIONER, APRIL 24, 1930

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The British & Colonial Printer

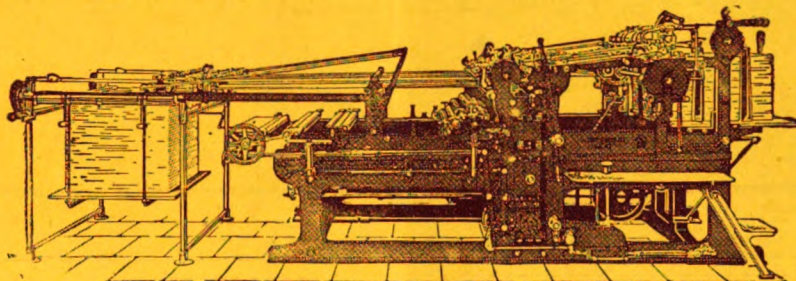
FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 78

LONDON: APRIL 24, 1930

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Don't let others



8 Models: Quad Royal down to Medium. Speeds: 1,700 to 3,600 per hour

*have great advantages over you in
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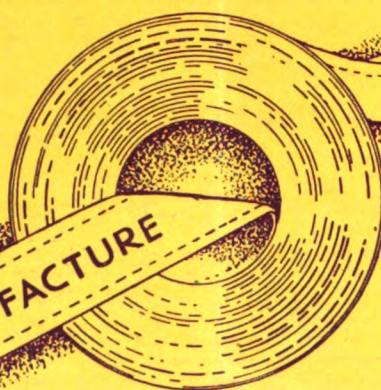
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'Phone: CENTRAL 4751.

Established 1800.

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 78

LONDON : APRIL 24, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

INDUSTRY generally will watch with close concern the progress of the new Bill which will shortly be considered in the House of Commons to give effect to the Washington Agreement on hours of labour. So far as the printing industry is concerned the 48-hour week has been established long enough for the keenest opponent of its introduction to have almost forgotten that there used to be a 50 and a 52-hour week. If we anticipated the Washington Agreement in this respect, it does not follow that our own particular interest in the effort to establish new laws and regulations need be in any way diminished. There is to be some endeavour to limit overtime by legislation, with provisions to cover special circumstances, and it is practically certain that the present latitude of employers will be restricted in various ways. There is strong reason to welcome a movement in the direction of better conditions, even if they have to be enforced by laws made in the light of trade unionist views. What we do not want is an unreasonable cramping of, or undue interference with, industrial enterprise. In the matter of overtime, it would be extremely easy to impose serious and unfair handicaps, to hinder rational progress and to retard business development. There are already regulations which do not fill the purpose for which they were designed, and which cause more annoyance than anything else.

OVERTIME is a necessary evil, and should be kept as such. When and where it becomes a customary prac-

tice it should be dealt with in a drastic manner. The majority view is that overtime is costly and not so productive as ordinary time. Under the influence of continued overtime day-time work suffers in quality and amount. Research and investigation have been made so often, always ending in the same finding, that it is almost unthinkable there should be employers with any other view. Yet there are firms so noted for the regularity of their overtime as to make it appear that they at least remain to be convinced of the desirability of cutting it out as much as ever possible.

* * *

HERE is the problem which many printers must be pondering over at the present time. Shortage of work introduces the tendency to cut prices in the anxious

endeavour to secure orders and keep the departments going. Short-staffed departments mean less workers to divide the standing charges over, yet if the work goes down the wage bill must be cut down in order to minimise losses. To get men back or keep them in, therefore, price-cutting is practised. The employer looks to his departmental overseers to quote keenly, cut down production costs, and help in the endeavour to turn out even cut-price jobs at a profit. The shortage of work and prospect of short time impels the workers to stretch out the jobs they are doing and make them last as long as they can. The cut-price job, therefore, instead of coming out below estimated time and price, comes out higher. Call it a two-

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edged weapon, a vicious circle or what you like, price-cutting comes home to roost more quickly than ever when the excuses for indulging in it make a more human appeal.

* * *

WE read on one of the exceptionally fine (from a typographic point of view) set of date cards issued by the Lanston Monotype Corporation "Strange that the first old-face type ever designed—the result of careful experiment by Aldus Manutius—should remain unrivalled by any subsequent effort. After 435 years, it once more adds lustre to finely printed pages." Thus we are informed of "Bembo," a Monotype face based on the Aldus classic. If we take the finest book faces of to-day or yesterday, we can find their counterpart, in fact their origin, in one or other of the types used in the first fifty or at most seventy-five years following the introduction of printing. But, lest we give ourselves too much glory as a craft, it is a helpful corrective to observe some of the standards set in letter and word formation by those who preceded the first exponents of the art of the press. An hour or two in quiet perusal of some such book as "Lettering," by Hermann Degering, will suffice to make even the least enthusiastic stand amazed before the beautiful roman capitals of the first century. Here is sculptured lettering which will never be surpassed, and in the calligraphic work of the scribes, over a period of several hundred years prior to Gutenberg's discovery, there is to be seen everything that went to make example and give inspiration for the creation of incunabula type-faces which we now admire as the models on which our finest present-day efforts are based.

England and America Partners in Photo-Engraving

"While the two great English-speaking nations are planning to preserve a world peace, it is timely to recall what we have done for each other in the peaceful art of photoengraving," writes Mr. S. H. Horgan in the *Inland Printer*. "We are indebted to our English fathers of photography—Mungo Ponton, Sir John Herschell, Fox Talbot, Scott Archer, Professor Abney, Sir Joseph Swan, to mention but a few names—for the use of potassium bichromate, collodion, iron developer, intensifiers, dry plates, and rotogravure. In this country we have reciprocated by making the first portrait from life by photography in 1839; the first photograph of the moon, 1850; the first daily illustrated newspaper, 1873; first commercial photoengravings, 1870; first halftones, 1880; the enamel acid resist, 1885; first sealed halftone screen, 1886; the first practical three-color halftones, 1893; the routers, trimmers, and photoengraving machinery; also the offset method of printing, etc.

"We in America read technical books and study our trade journals from home and abroad with great care, while our public libraries subscribe for and keep on file the foreign journals relating to our art. England is richly equipped with technical schools for teaching photomechanical methods to the students in a vast empire, while we have given little attention to theoretical teaching, but trust to apprenticeship training."

Personalia

MR. C. W. BOWERMAN, M.P., has been nominated by the executive council of the Typographical Association as president of the Printing and Kindred Trades Federation for the coming year.

MR. CLYNES, the Home Secretary, was the principal guest at the annual dinner of the National Union of Journalists, at Manchester on Thursday night, and paid a high tribute to the general accuracy of the modern Press.

At the Union's annual meeting, earlier in the day, Mr. W. G. Mitchell, of Darlington, was elected president, and Mr. W. Betts, of London, vice-president.

SIR CHARLES STARMER, the newspaper owner, was the speaker at a recent meeting of the Publicity Club of Glasgow, when he gave a discourse on the subject of "Advertising."

ALD. RICHARD MAYNE, the well-known Newcastle-on-Tyne printer, has just celebrated his 70th birthday, receiving many congratulatory messages.

ALD. MAYNE is chairman of Newcastle Corporation's Transport and Electricity Committee, and has been on the City Council since 1904, serving both as Deputy Lord Mayor and as Sheriff. He has been chairman, too, of the now defunct Board of Guardians of his native city.

MR. J. W. ARMSTRONG (Engineers' Department), on his retirement after a service of 40 years with the *North Mail* and *Newcastle Chronicle*, Ltd., was last week presented with a wallet of Treasury notes.

MR. F. H. PARSONS, who made the presentation, assured Mr. Armstrong that he had the best wishes of the board of directors and the staffs of the various departments.

MR. A. BARNARD, overseer of the warehouse of the Oxford University Press, has been presented with various gifts from the staff, including an illuminated address, on his retirement after nearly forty years' service.

THE retirement of Mr. Wilkinson, machine-room overseer, after 48 years in the service of Henry Richardson, Ltd., printers, Greenwich, has been marked by the presentation of a clock and barometer suitably inscribed.

THE gifts, subscribed for by the employees, were handed over by Mr. J. Beynon Davies, director, who spoke highly of the value of Mr. Wilkinson's services, and said it was something to be proud of to leave in harmony with all. He also wished the recipient long life and happiness in his retirement.

MR. I. J. PITMAN, a grandson of Sir Isaac Pitman, the inventor of phonography, recently addressed the Swindon branch of the Pitman Fellowship at Clarence Street Schools on "The mechanical means of reproducing Pitman's shorthand."

HE traced the various methods used by his grandfather since the invention of the system, and explained that in use at the present day, the zinc process.

MR. HERBERT BROWN, of the case-room staff of the Leeds edition of the *Daily Chronicle*, has been presented with an attache case on leaving to take up the position of overseer of the new Manchester edition of the *Daily Herald*.

LOOK AHEAD

Place your stereotyping foundry on an

AUTOMATIC AUTOPLATE

basis now

The Automatic Autoplate occupies no more space than a Junior Autoplate, but has double the latter's production. It makes plates more swiftly, of high printing quality, lighter, and stronger. No other newspaper printing plates are as good as those produced by this new machine. It makes **four** such plates per minute

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LINOTYPE & MACHINERY LTD.

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British Printers in Belgium

Easter Holiday Trip

The party of seventy master printers—some accompanied by their ladies—who visited Belgium during Easter under the auspices of the Home Counties Master Printers' Alliance spent a holiday of great interest and value.

Arriving at Ostend on Good Friday, the visitors proceeded to Bruges where they met Mr. Edouarde Verbeke (formerly a pupil of Mr. David Greenhill, H.C.M.P.A. hon. treasurer) and his fellow master printers of Bruges, under whose expert guidance a most enjoyable time was spent.

On Saturday, the party travelled to Brussels, to meet representatives of the British Chamber of Commerce in Belgium at lunch. The same afternoon the ladies were taken in cars to some of the chief places of interest in the city, whilst the H.C.M.P.A. printers met the Belgium master printers for a short conference, opened by the president of the Belgian M.P.F., and by Mr. R. A. Austen-Leigh (past-president of the Federation and a member of the Alliance). Mr. Wm. Maxwell (Federation president) also took part.

A MEMORABLE DINNER

In the evening the party met the Belgian master printers at dinner, M. A. Stiels, president of the Belgian Master Printers, presiding. M. Stiels proposed the toast of H.M. King George, and telegraphed a message of greeting. Col. W. H. Barrell (H.C.M.P.A. president) proposed a toast of King Leopold of Belgium, and sent a telegram of greeting on behalf of the visitors. Col. Barrell also presented to the Belgian master printers a gavel and block in the form of a mallet and planer made of wood from the roof of Stationers' Hall.

MR. R. A. AUSTEN-LEIGH HONOURED

During the evening it was announced that Mr. R. A. Austen-Leigh had been instituted a Chevalier de l'Ordre de Leopold, the highest order of the country.

On Sunday morning there was an excursion by cars to Malines and Louvain.

On Monday the King of Belgium unveiled the War Memorial at Antwerp, and in the afternoon Colonel Barrell, accompanied by Mr. William Maxwell (president of the Federation) laid a wreath on the memorial.

A programme of great interest had also been arranged by M. Chas. Stockmans, the director of the largest printing business in Belgium, whose son attended the London School of Printing, and the Plantin-Moretus Museum was a special feature of the programme. Staying Monday night in Antwerp, the party returned via Ostend on Tuesday morning.

THE financial advertising agents, G. Street and Co., of Gracechurch-street, London, announce that they have formed an affiliation with the well-known American financial advertising agency, Rudolph Guenther-Russel Law, of 131, Cedar-street, New York.

PARTNERSHIP has been dissolved between E. N. Mathieson and J. G. Craster, printers and stationers, 11, Queen Victoria-street, London, under the style of E. N. Mathieson and Co.; also between O. Bentley, J. F. Milner and N. V. Todd, offset process reproducers and lithographers, Nottingham, under the style of the Offset Process Co., so far as regards O. Bentley; also between J. E. Gosling and H. Stockdale, advertising contractors and publicity agents, 15, Bridge-street, Stockport, under the style of "Gosling Publicity Service."

Trade Notes

MESSRS. W. AND H. SMITH, printers, the proprietors of the *Exeter Journal*, have taken over the *Teakbury Register* and *Agricultural Gazette*, which will now be incorporated in the former paper.

IMPORTANT questions relating to the relations between editor and printer are raised by the case of the *New Age*, which appeared on Thursday with two pages almost blank. The paper, which is published by the proprietor, Mr. Arthur Brenton, is printed by the Argus Press, Limited. A paragraph in heavy type says: "The Argus Press decline to take the responsibility of printing the remainder of this week's notes. We shall communicate to our readers the text of the expunged matter in a supplement to the next issue of the *New Age*." The matter to which the printers objected criticised some statements by Mr. J. L. Garvin.

UNDER the auspices of the Stationers' Company and Printing Industry Technical Board, the eighth annual students' dance will be held at Stationers' Hall, E.C.4, on Friday, May 2nd, at seven o'clock. The members of the Technical Board extend a hearty invitation to all printing technical students who have sat for the examinations at Stationers' Hall. Tickets are 1s. 6d. each (proceeds, after meeting expenses, to be devoted to the Printers' Pension Fund). Refreshments will be provided at popular prices. Tickets can be obtained from technical instructors, or the Beadle at Stationers' Hall.

SIR TREVOR HENDERSON, whose death has occurred at the age of 67, was the proprietor of the *Belfast News Letter*, which was acquired by his great grandfather 126 years ago.

THE death has occurred of Mr. Charles Scribner, the well-known publisher. Born in New York in 1854, Mr. Scribner joined in 1875 the publishing firm of Charles Scribner and Sons, which was founded by his father in 1846, and ultimately became president. He also launched *Scribner's Magazine*.

THE widow and family of the late Mr. Frederick C. Peacock wish to thank all friends for the kind expressions of sympathy extended to them in their great bereavement.

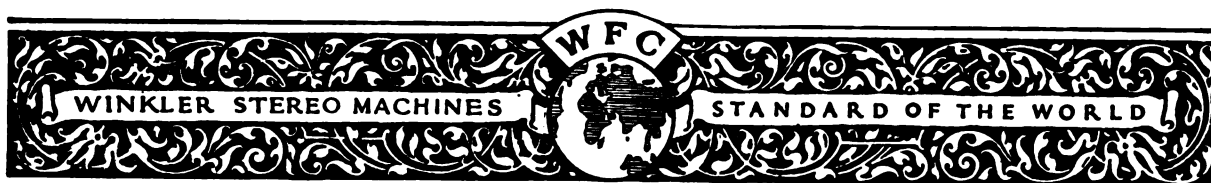
THE late Mr. Charles Barnard (90), of West Hampstead, N.W., printer, left £10,824 (net personalty £9,750).

AN exhibition has just been held in Leipzig of the fifty best-printed German books of 1929. The best of the fifty was, by the unanimous decision of the judges, the edition of "Hamlet" produced by the Cranach Press, of Weimar.

OF trade unions' membership of 152,800 registered in the official returns of unemployment in the German printing trade at the end of February, 12.9 per cent. were wholly unemployed, and 3.4 were on short time.

THE Atlas Printing Company, Chicago, specialising in directory work, recently ran 130,000 impressions directly from Linotype slugs.

MEASURING only about $\frac{1}{16}$ inch in thickness and 3 inches by 2 $\frac{1}{4}$ inches, a remarkably compact quarterly diary, neatly bound in limp bookcloth, is sent us by the Nickeloid Electrotypes Co., of Printer Street, E.C.4. It is proposed to issue this quarterly to the firm's customers.



The Winkler Process Produces Stereos Fully Equal to the Best Electros

A perfect stereotype gives a printed result that is fully equivalent to the best printed results obtainable from the original halftone.

Such perfection is consistently obtainable from any originals, including the finest screen multi-colour work, by means of the **Winkler** Moulding Press in conjunction with our "Photo-Tone" Fine Art Flong.

Mixed formes containing type, line-blocks and halftones create no difficulties. Any kind of job work, including tabular work, can be satisfactorily moulded on the **Winkler** Press. There are no duplicating jobs which cannot be carried out by the **Winkler** Stereo Process equally well as by Electrotyping or Plaster Process.

Test jobs carried out at different times in a number of printing offices established the fact that nickelled **Winkler** stereos can be produced from *3 to 10 times more quickly and from 3 to 25 times more cheaply than electros*, depending upon the size and the number of plates cast off the same stereo mould.

Under such circumstances it is only natural that in establishments where the **Winkler** Press has been installed electrotyping has been curtailed or eliminated entirely.

It is noteworthy that in the event of damage to a nickelled stereo plate during the run, a "white" plate can take its place within a few minutes pending the completion of another nickelled stereo duplicate. In contradistinction thereto, the replacement of a damaged electro necessarily requires considerable time during which the printing press is compelled to stand idle.

CALL IN OUR EFFICIENCY SPECIALIST AND PUT US TO THE TEST !



Trade Union Matters

"NATSOPA" APPOINTMENT.—Nominations having been obtained for the election of an assistant secretary of the National Society of Operative Printers and Assistants, two names are now going forward for ballot, viz., those of Mr. W. Tidmarsh (assistant secretary of the London Machine Branch) and Mr. M. Warrell (Eastern District secretary).

ELECTROTYPERS' AND STEREOTYPERS' UNION.—The half-yearly report of the National Society of Electrotypers and Stereotypers records a successful period from the financial standpoint, the general fund having been increased by over £6,600, placing it at a higher level than ever before in its history. The superannuation fund stands at £28,616, with 61 superannuitants on the list.

A DINNER and smoker to celebrate the jubilee of the Leeds branch of the Lithographic Printers' Society was held at the Guildford Hotel, Leeds. There was a large attendance, and a very enjoyable evening was spent. The company included Mr. T. Sproat, the general secretary of the society; Mr. Shaw, assistant general secretary; Mr. J. W. Vollans, representing the Bookbinders' Association; and Councillor Jack Brotherton, the secretary of the Leeds Trades Council.

ABOUT 190 delegates were present at the annual meeting of the National Union of Journalists which opened in Manchester on Thursday. The report stated that the national membership for the first time exceeded 5,000. In his presidential address, Mr. H. D. Nichols said that newspaper properties still continued to change hands at figures which would have been considered fabulous a few years ago, and the process of amalgamation went on. Though the "slump" had long since followed the "boom" in less sheltered industries, the trade in national newspapers at least still had the appearance of being able to expand indefinitely. A resolution was carried instructing the executive to consider affiliation to the Federation of Professional Workers, and, in the event of that being considered desirable, to submit a proposal to a ballot vote of the members of the union.

MONOTYPE CASTER WORKING.—The executive council of the Typographical Association have had under consideration a letter from Mr. A. E. Holmes, the secretary of the Printing and Kindred Trades Federation, stating that the Federation had been asked by the Typefounders' Society to appoint an arbitrator to adjudge the differences between the two unions as to the working of the Monotype caster machine in the provinces. The typefounders claimed that the new Super-Caster which had been introduced was simply a casting machine, and, like the display machine, should be worked by the typefounders. The executive council of the T.A. took a different view, and sent the following reply: "We cannot agree to placing the question of the Association's right to organise the men engaged upon the Monotype caster machine before an arbitrator, as suggested by the Typefounders' Society, as the casting operation is an integral part of the Monotype casting machine, and has been performed by T.A. members ever since the introduction of the machine. The Super-Caster is merely a further development of the Monotype caster machine, which for years has embodied both jobbing and lead and rule attachments."

Stationery Trade Octogenarian Seventy Years with One Firm

Seventy years with one firm of wholesale stationers—such is the record of Mr. Stephen Clements, the eighty-five-year-old member of the staff of Fuller and Mead, Ltd., in whose honour a dinner was given on Monday of last week.

This veteran member of the wholesale stationery trade joined the family of the late Mr. Henry Mead, stationer, of Bishopsgate, as an indentured "indoor" apprentice in April, 1860. When Henry Mead and Sons, of Bishopsgate, was merged in 1915 in the firm of Henry Mead and Sons and Fuller and Mead, Ltd., of Great Windmill Street, his services were retained, and he is even to this day one of the firm's most valued representatives.

Mr. Clements cannot see anything remarkable in his seventy years' work. "What else could I do but work?" he says. "You must have an interest in life if you want to hold it." His only trouble is that his original friends have gone, and though he is indeed a well beloved and popular man, his many friends of to-day are the sons of the originals.

Mr. Clements' host on this happy occasion was Mr. Harry Mead, the present head of the firm, who, born after the completion of Mr. Clements' apprenticeship, learnt his trade with him. Among the distinguished company who drank to the health of this doyen of the stationery trade were twenty-two long-service employees of the firm, of whom eighteen give an average of thirty-nine years service, and the whole twenty-two members, thirty-four and a half years' service each. The youngest employee of the firm present has been twelve years with the firm.

Fuller and Mead claim to be the oldest wholesale stationery house, having commenced business in 1754. They have had many employees with over 50 years' service to their credit. While it is the policy of the firm to recruit young blood, at the same time they do their best for their staff who have been with them for so many years and whom they would be sorry to see retire.

"Philotesie" Social and Dance

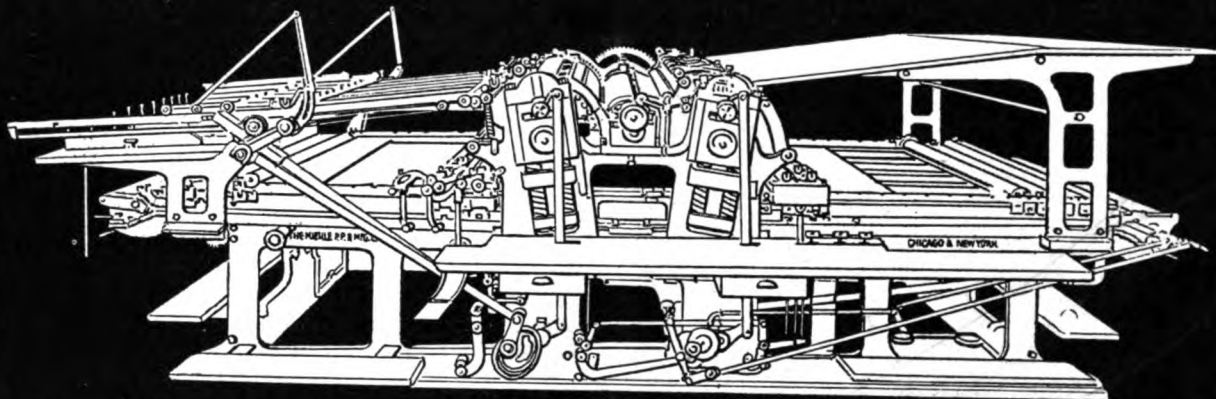
The spacious Main Hall of the Fulham Town Hall presented a scene of cheerful colour and animation on a recent evening, the occasion being one of a series of socials and dances organised by the head office and warehouse staffs of Messrs. Philip and Tacey, Limited. Over two hundred participants passed a thoroughly enjoyable evening, cordiality and good fellowship, as is usual at these gatherings, being the dominant note.

One of the directors of the firm, Mr. Walter C. Tacey, presented the prizes and paid a tribute to the devoted work and excellent organisation of the committee, whose efforts had met with such brilliant success. The members of the committee were Messrs. Bartley, Clark and Field, with the Misses Greville and Scott.

The officiating M.C., Mr. E. T. Redding announced that the next function would take the form of a flannel dance.

THE annual convention of the United Typothetae of America will be held at Boston from October 13th to 16th next.

The
**AMERICAN
MIEHLE
COMPANY'S PRESSES**



The AMERICAN MIEHLE COMPANY'S TWO-COLOUR TWO-REVOLUTION PRESS.

The Three Reasons

It is but human to justify one's self. The printer who is without a Two-Colour Press will tell you that he doesn't need it; that his business does not run to work in colours; that it's not an economical machine anyway.

The first of these excuses is meaningless.

The second means only that colour printing goes to printers who are suitably equipped for it.

The third is untrue. The American Miehle Company's Two-Colour is highly economical when compared with one-colour Presses. It saves both labour and material.

And any competent flat-bed pressman can operate it.

The **MIEHLE PRINTING PRESS
& MANUFACTURING CO LTD**
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**2/3, SALISBURY COURT
FLEET ST LONDON
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A Competition for Printers

London Districts' Rivalry

The London Master Printers Association Inter-District Printing Competition—a fine incentive towards better craftsmanship—is to be held again this year, and competitive exhibits will be on view from June 16th to 20th. Great as the interest in this event has been in previous years, there are signs that the handsome challenge trophy, which is awarded to the winning district, will be even more keenly contested for this year.

The trophy is at present held by the West and North-West London M.P.A. The competition has hitherto



THE TROPHY

been held only twice, this Association being the winners on both occasions.

The following are the rules of entry for the competition:—

(1) Members to forward exhibits in accordance with the Rules of the Competition to the Secretary of their District Association.

(2) Each District Association to appoint its own Committee to select exhibits for submission, *not later than June 6th*, to the Hanging Committee to be appointed from and by the L.M.P.A. Council.

(3) The Hanging Committee to select a number of exhibits from each Association for submission to the adjudicators, who will be appointed by the Council.

(4) Work submitted must be *bona-fide* jobs produced in the L.M.P.A. area for a customer, or for use in connection with the printer's own business, during the last five years.

(5) No work done by one printer for another can be accepted.

(6) No exhibit will be accepted unless it has been submitted to the Selection Committee of the District Association at the proper time.

(7) Classes of work to be submitted:—(a) Commercial Stationery—by any process (specimens of printing

used in the counting-house); (b) Job Printing generally; (c) Magazine and Bookwork; (d) Posters.

(8) The marks to be awarded for:—(1) The value of the job on its merits (irrespective of copy); (2) Craftsmanship; (3) Colour.

(9) (a) Exhibits to be framed in a black frame (for preference) before submission to the Hanging Committee.

(b) The limit fixed for size of frame is 40 ins. by 30 ins., landscape or otherwise, and frames should be as near as possible to this size, but not larger. All posters must be framed or mounted.

(c) An exhibit consisting of a number of pages should be shown as separate pages in one frame, and a complete copy should be attached to the frame for the adjudicators' inspection.

"Good All Through"

The New "Paper and Print"

Mr. Frank Colebrook, F.A.I., sends us a letter in which, in characteristic style, he wittily and acutely applies his expert powers as a "printers' valuer" to the March number of *Paper and Print*.

After offering us his congratulations, he writes: "The opening pages (the colour advertisement pages, I mean) are very arresting—really interesting as well as informing and persuasive. The Dartford Paper Mills' round 'window' is very cute, just the thing to conciliate the trade's amused, admiring and enterprising goodwill.

"Some day we shall wake up, too, in regard to binding; and in such stout publications the vile wire stitching will cease from troubling. "Paper and Print" will be bound with gum and gumption; some firm working with these agents will be pleased to bind, and we shall be bound to be pleased.

"The number is good all through. Mr. Gamble is never a gamble—it is always a certainty that he'll be worth reading; and John Taylor is not only one of the finest living printers, but here once more we see him as a valuable instructor and helper to the whole craft."

For the benefit of any who have not yet seen the March *Paper and Print*, it may be added that the subject of Mr. William Gamble's timely and authoritative article is "Rotogravure in Newspapers." Mrs. Beatrice L. Warde, of the Lanston Monotype Corporation, contributes an engaging study of changing tastes in printers' ornaments, treating instructively of the design and use of borders, with the aid of many interesting illustrations. Mr. S. W. Hayter, the typographer, in "Giving Personality to Printing," offers constructive criticism and valuable suggestions concerning the design of printed matter. Another contribution of unique interest deals with "The Art of the Wood-Cut in Poland and Czechoslovakia," introducing some remarkable illustrations of the work of artists in those countries. Of great practical interest to printers, also, is the article entitled "Humidity in the Pressroom," by Mr. John Taylor, the well-known Manchester printer.

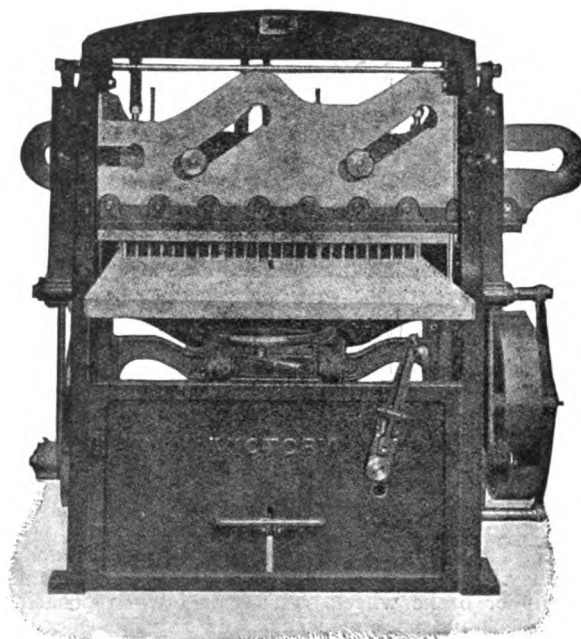
PRETORIA has decided to break away from the Associated Master Printers of the Transvaal and to form its own association. As the Pretoria body will in some way be affiliated to the South African Federation, it may involve changes of name and constitution of the existing Association which at present has jurisdiction over the Transvaal.

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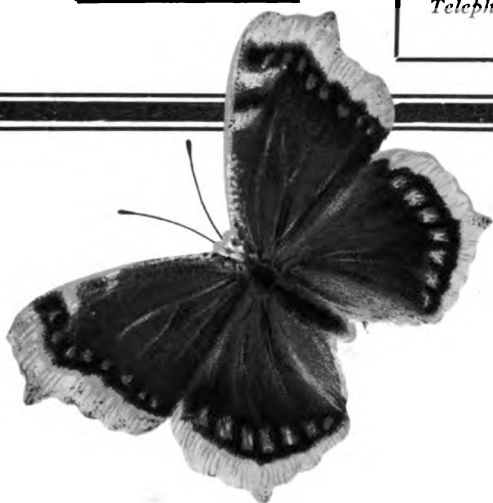
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the Howard Smith Mills of Montreal,
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Text Papers, etc., etc. Send for ranges.]*

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Phone: City 9407 (8 lines)

The Printer's Machine-Room

Old Dawson-Type Wharfedales

The purpose of this article is to offer some practical suggestions, evolved from every-day experience, for helping Wharfedale users (particularly those who are not very mechanically minded) to make the most of Wharfedale presses that have grown old in faithful service. It will be understood that most of what is said here does not apply to the present-day Wharfedale which is a magnificent machine amply provided with up-to-date refinements.

GENERAL MAINTENANCE

See that the machine is kept reasonably free from dirt, and have surplus oil wiped off when oiling up. Oiling should be done once per day for all mainshaft bearings, open roller bearings and cylinder blocks, also for rollers affecting the register, which are near the driving pulley. Wipe off surplus dirt, grease, etc., from the cylinder brake wheel. This wheel when pushed into place should not move back. If any movement takes place this can be adjusted by slackening the two locking nuts; tightening the nuts has the effect of freeing the brake mechanism. The brake lining may at some time need replacing. This can be accomplished by taking down and cutting a new leather pad, punching out holes to correspond with the old ones, then the leather pad is glued to the shoe and short pieces of round leather belting having pointed ends are first glued and tapped into the holes, when reasonably dry cut flush to the leather pad.

Further, it is advisable to grease with light gear grease all gear wheels every fortnight, not forgetting the overhead track which moves the bed. For the bowl rails, as heavy an oil as can be obtained can be used, thin oil will only run away, the ends not being stopped up as in modern practice.

REGISTER MECHANISM

This mainly consists of a push rod with a roller on the end. As this roller is sometimes inclined to get stuck, and consequently to be merely wiped by the cam face, flats may appear. This will affect the register, as the flat will be presented to the cam face for a few impressions, then the roller moving slightly, it presents its true face to the cam, thereby giving rise to variations of the grip edge. The only remedy is to send to the makers for a new roller—or have a new one turned up and fitted on. If made locally, the roller can be taken with its pin to a machine shop to be measured up, then replaced until the new one arrives—which, by the way, must be case-hardened. If the pin is worn oval more than is considered safe, the pin must be either replaced or rebuilt-up by welding and then re-turned to size.

RENEWAL OF WORN PARTS

Replacements which may be necessary on an old or much-used machine are the brass bearings for the reciprocating riders. These can be obtained from the makers ready bored out, but considerable fitting may be necessary to get them in line and high enough to prevent the gears mounted on the rider roller bedding too far in the intermediate or floating gear wheels. This can be managed by filing off the bottom if too high, or by brazing a semicircular packing piece on if too low. The only difficulty in this case is to get the bearing clamp to slide over the brass bearing; but this can be got over by packing the clamp with a washer.

The only way to secure a perfect fit for any part is to send the worn part to the maker. If, however, it is not felt advisable to endure the waiting, then a little delay is generally experienced when fitting; if done out of working hours, this need not affect running at all.

The intermediate gear wheels may be so worn that their teeth have knife-like edges. This condition it would be folly to allow for long, so the replacement becomes a matter of quoting the machine number, if it can be found, or by sending to the makers parts or an accurate drawing with all measurements along with the order.

The cast brass adjustable bearings for the front lay-guides may be battered so much as to require replacing. These can be made at any decent machine shop and are easily replaced in mild steel, which is very satisfactory.

The two gear wheels of the bed movement (underneath) sometimes settle down or wear so much as to cause a rasping sound, which is caused by the wheels being lifted by the connecting rod to the overhead track, into which the two wheels bed too deeply. The bottom gear tracks are generally adjustable, and they can be raised to take up any play which may be found. To test for this, insert a small lever in the teeth at the bottom track and raise gear wheels to the top tracks one at a time. Any play over $\frac{1}{8}$ in. can be taken up, but care is necessary to keep tracks level.

CYLINDER TRIP

An erratic cylinder trip can often be cured by inserting a spring from the post holding the double rolling motion to the trip rod. If no suitable spring can be found (which must not be too strong), one can be made from a foot of $\frac{1}{4}$ in. square catapult elastic tied together at the ends with strong cord. This will last a year if oil is kept from it. Otherwise nothing except using a good thin oil and occasionally squirting paraffin through the holes is required.

FOOT TRIP

The foot trip on many machines is often placed inconveniently high, and can be brought nearer the ground by having an iron plate $\frac{1}{4}$ in. thick, 2 ins. wide and 16½ ins. long, cut into two pieces 7½ ins. and 9 ins.; these are welded at right angles and bent at right angles downwards for 5½ ins. and out again for 2 ins. to form a step. A small block of wood can be screwed to the step, by countersunk holes underneath, the whole being screwed to the wooden trip pedal by screws in countersunk holes, thus bringing the trip pedal within 2 ins. from the ground level.

OIL-HOLE ACCESSIBILITY

A useful fitment is a copper or brass tube inserted into the middle main shaft bearing—which in a number of models is reached only by a groove in the bracket itself. By removing the gear cover, the tube can be inserted, bent into shape, and can be held into place by the cover itself. If it projects 2 or 3 inches outside, this will ensure oil positively reaching an often-forgotten bearing.

FEED-BOARD

If the steel right-angle pieces which the two push rods move up should be found to be punched badly, it may be advisable to reverse them, so that by changing them over from left to right the punch marks come on

David Carlaw & Sons, Ltd

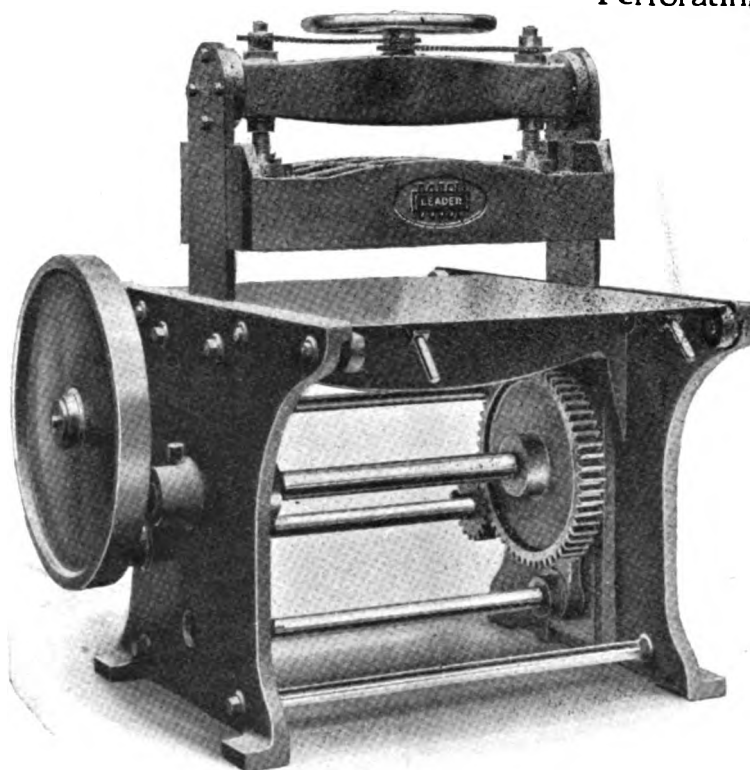
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*Simple in design
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*Machine
Cut Gears*



*Strongly
Constructed
with
Ample Bearing
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The "LEADER" ENVELOPE BLANK CUTTING MACHINE

:: SPECIFICATION ::

Size of Platen	36" x 16"	Dia. of Belt Pulley	15"
Stroke of Platen	2 1/2"	Face of Belt Pulley	3"
Space Occupied	4' 6" x 5' 2"	Revs. Per Min	270

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top. When replacing same, it would be well to change the screws to countersunk $\frac{1}{4}$ in. bolts, which will make a very rigid job of same. When the surplus thread is cut off, the screw and nut can be fixed by a blow from a centre punch.

Wharfedale machines in a fair state of order are worth the few pounds necessary for adding such modern improvements as a flexible ink knife instead of the old-style block type. If the machine is fitted with geared inkers, it could have added to it geared distributors; the consequent minute adjustment made available would save a few rollers from breaking up on the slab and give perfect distribution.

The application of this article has been particularly

towards the owner who has not a spare machine, and is thus unable to have many idle days. Any of these suggestions can be carried out after hours, or in a slack period, by the printer himself, backed up by a decent workshop, having the facilities for making small parts to measure, etc. Other suggestions may occur in the course of executing these, whereby a machine can be given another lease of life. In spite of the many advantages offered by the modern fast two-revolution machine, the slightly slower Wharfedale will for a long while hold its own for shorter commercial runs, and any steps taken to increase its efficiency and lengthen its life will be amply repaid.

"ALBION."

The "Chromorecta" Process Explained to Printers' Managers

The April meeting of the Manchester and District Centre of the Printers' Managers and Overseers Association, held in the Mitre Hotel, Manchester (advanced one week owing to the holidays) showed a reduction in attendance, but this was balanced by the keen enthusiasm of those present. The topic of the evening was one of importance, and it was made more so by the surprise visit of Mr. A. E. Jarvis, past president of the Parent Centre, who is looked upon as a master mind in photo-lithographic printing.

Mr. H. G. Kellett (of Messrs. George Mann and Company, Limited) read a paper on the new photo-chromo-litho method, known as "Chromorecta," and indicated how the application of photo-mechanical processes had found a wider field, not only for the lithographic and letterpress printer, but also for the fabric and textile printer.

He dealt at some length with early chromo-lithography after the introduction of the half-tone screen, and stressed the difficulty of proper tone translation by what is known as the direct method. Anyone, he said, who has experience in trying to get correct colour separation and correct tone translation in a direct exposure through a half-tone screen would recognise that it is not a satisfactory method. Whilst such a procedure is feasible for the making of half-tone negatives to be used for relief blocks, it cannot be considered satisfactory for any process where local or fine etching of the printed-down image is impossible.

For really successful photo-chromo-lithography the indirect method so far has always given the better results. The number of colours can be reduced, and a more faithful reproduction can be obtained. One would consider it almost unnecessary to say that when the correct colour values are obtained in the printed-down image, the number of printings can be reduced to the absolute minimum, but before the correct colour values can appear on the printed-down image they must first be obtained in the half-tone negative.

The most satisfactory way of obtaining these correct colour values on the half-tone negative is one which facilitates absolute *dot* control. Tone values are represented by dots of varying sizes or areas, but of even density. The usual photographic operation of reduction generally reduces density, and therefore is not an equivalent of fine etching. The "Chromorecta" process is claimed to be the very best system for the control of tone values, in that the correction of values can be quite local, carried to any desired extent, and

this is done by a gradual reduction in the sizes of the dots, without in any way impairing the density.

Mr. Kellett further explained that the new step-and-repeat printing-down apparatus was an entirely new design, and the register was maintained to $1/1,000$ th of an inch. The machine was made in various sizes and it stepped-up a design on a zinc plate with the greatest precision. Printers could now instal a photo-litho equipment, including camera outfit, whirler, printing-down frame, and step-and-repeat printing-down apparatus, for a sum less than four figures. Furthermore, the "Chromorecta" process ensured successful work being done from the commencement, without special retouching, etc., having to be done. It was now possible for the small printer to equip himself with his own plate-making plant, whereas previously he would have had to lay out many thousands of pounds for a complete plant, and afterwards would have had to experiment with this or that method of negative making and retouching.

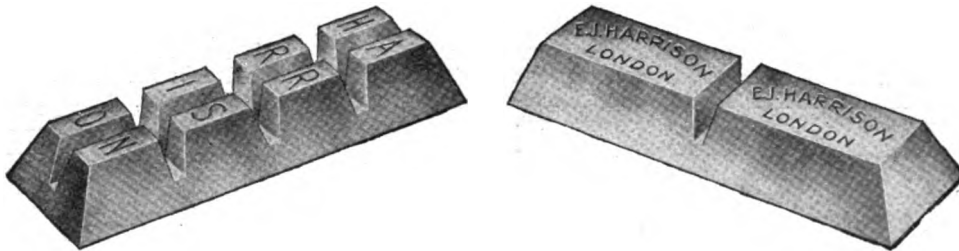
Messrs. E. Garrett (president) who is an enthusiast in photo-lithography, T. Rignall, E. C. Balls, J. E. Fletcher, Thos. R. Forster, J. H. Nuttall, H. C. Rowe, Geo. H. Rider, W. Spruce, and others took part in the subsequent discussion and greatly admired the beautiful examples of work which were used to illustrate the process. It was shown that though the process was indirect it was really economical, in that the number of workings were fewer, and as colour values were more accurately rendered the results were nearer *fac-simile* than was possible by any other commercial method. There is no doubt that this latest development is truly a wonderful improvement in photo-chromo-lithography, and unless firms become interested they can scarcely be considered in the first rank.

A hearty vote of thanks to Messrs. Kellett and Jarvis was warmly moved by the president, who expressed his own special interest in photo-chromo-litho development.

WEE MAC.

FROM a 1928 Federated Malay States official report it appears that the value of imports of printing paper from United Kingdom, totalled \$94,022; from Germany, \$19,801; from Italy, \$5,532; from Holland, \$4,756; from Belgium, \$3,682; from Finland, \$2,675; from U.S.A., \$2,165; and from Sweden, \$1,994.

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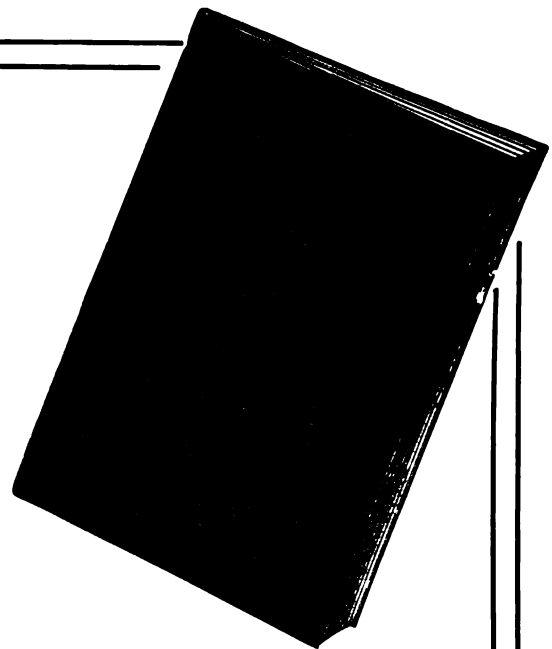
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Importance of Lighting

Tests in the Printing Trade

It is a generally accepted fact that the greater the intensity of illumination the greater the facility for seeing (says a correspondent of the *Commercial*). A person with perfect eyesight working under poor lighting conditions is as badly handicapped as though his eyes were defective. Experiments concerning the relationship between the power of seeing and the intensity of illumination have shown that the increase in vision goes up as the intensity is increased in multiples. In tests carried out on the speed of reading it was found that an increase of illumination from 4 to 8 foot candles brought an increase of 24 per cent. in speed of reading; doubling this illumination brought about an increase of a further 24 per cent. on the original speed of reading, and every time that the illumination was doubled it was found that an increase of 24 per cent. was obtained. These figures obey, in a large measure, the well-known logarithmic law of sensation.

In 1928 experiments were carried out under actual working conditions, supervised by a technical committee, assisted by representatives of the Joint Industrial Council of the Printing and Allied Trades. The work studied was setting seven-point type for directories, and the merits of the conditions of lighting under test were judged by the rate of composition, the number of mistakes made, and the opinion of the compositors. One of the tests was made with good daylight, so as to serve as a standard with which to compare the performance of the compositors in the other tests when electric light was used. The rate of composition reached its greatest, and the proportion of mistakes its least value, during the daylight test, when the illumination of the work was considerably higher than that attained during any of the tests with artificial light. Daylight varies greatly, and very often may be as high as several hundred foot-candles.

For the first test with artificial light a very low illumination (1.3 foot-candles) was used. The result was that the work was only done at three-quarters of the normal speed, while the mistakes were double the number made in daylight. In the second test, with 6.8 foot-candles, which is probably not exceeded in the average printing office, the amount of work done was nearly nine-tenths of that possible in good daylight, but the number of mistakes was still 30 per cent. too high. The illumination used for the third test was 13.5 foot-candles, and was considered by the compositors to be quite good. The amount of work was now increased to 95 per cent. of the work done in daylight, with an excess of errors of 17 per cent., as compared with nearly double this percentage when only half the amount of light was provided. For the final test the illumination was increased to 24.5 foot-candles, with the result that the amount of work done reached the normal level obtainable in good daylight.

The conclusions arrived at as a result of these tests are as follows:—To obtain maximum output and accuracy in the composing-room an intensity of illumination of about 20 foot-candles must be provided; this light should be provided by an installation designed to distribute the light evenly over the actual areas where work is done, whilst illuminating the room generally to a reasonable extent; no direct glare from bare lamps should be permitted.

The science of lighting has advanced so rapidly in recent years that it is now no longer a question of

trial and error, and the resulting illumination from any system can be predicted with accuracy.

The compositors' room in Messrs. Jesse Broad and Co.'s new works at Old Trafford, Manchester, provides a good example of modern artificial lighting conditions. Before leaving their old premises at Buxton Street, London Road, the compositors' room was fitted up with a system of general lighting as an experiment, in order that a decision could be reached in regard to the system of lighting to be installed in the new works. The compositors were soon convinced that general lighting was superior to the previous local lighting that had been in use for many years. The general expression used was that the light was "more comfortable," indicating that glare had been removed and, therefore, eye-strain reduced to a minimum. The change-over was made at the suggestion, and under the supervision, of the Manchester Corporation Electricity Department.

Paper Warehouse Fire

Considerable damage to stock was done by a fire which broke out last week at Messrs. Spicer's warehouse and factory at 114, Union Street, Southwark. This was not the large factory but a subsidiary building which had been taken over recently for the manufacture of wallpaper. The fire broke out very suddenly from some unknown cause. Fortunately the damage was confined to the top floor, where, however, a good deal of stock was destroyed. The machinery, which occupied the second floor, was not involved and was at work again on the following day.

Naturally the large quantity of paper in stock blazed furiously and volumes of smoke were liberated. Consequently water towers, the gas-mask squad, thirty fire engines and nearly 100 firemen were engaged in attacking the outbreak, and after an hour's hard work the "all clear" signal was given.

Sweepstakes and Lotteries

Replying to a question in the House of Commons recently, Mr. Clynes said: "I understand that henceforth the Stock Exchange sweepstake will be a purely private affair, strictly confined to members of a single and localised organisation—namely, of the Stock Exchange. If it be so conducted and nothing occurs such as the sale or transfer to non-members of tickets or shares in tickets, to show that the sweepstake or draw is other than a private one, I for my part shall not move to initiate action. Anyone, of course, can take proceedings, and all questions of law are for the Courts; but I will let the police know my view, and I have no reason to think they will take and act upon any other view. But if any sweepstake or draw, large or small, is so conducted as not to be of a private character, the authorities will have no option but to take whatever action is possible in the circumstances of the particular case. So far as administrative action by me is concerned, this broad distinction, private or not private, is the test for all sweepstakes or draws, wherever carried on, and for whatever objects."

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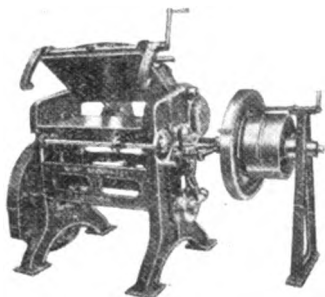
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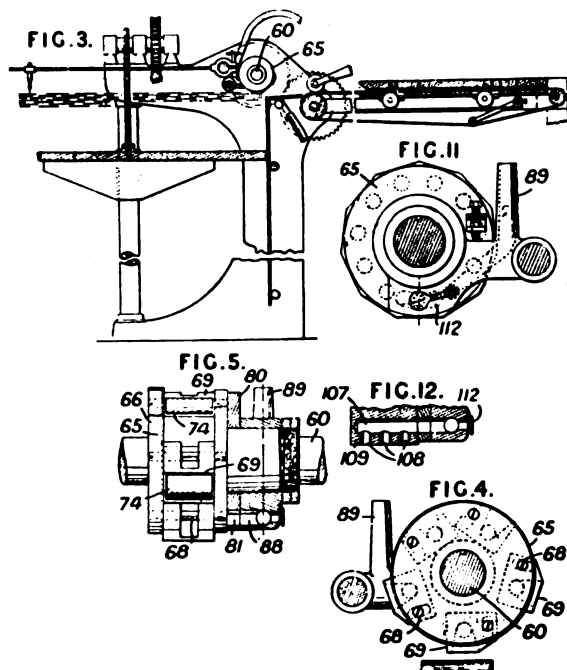
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New Inventions

The following extracts are taken, by permission of the Controller of H.M. Stationery Office, from the Illustrated Official Journal (Patents). Full copies of Published Specifications (1s. each) can be obtained from the Patent Office, 25, Southampton Buildings, London, W.C.2

FEEDING SHEETS

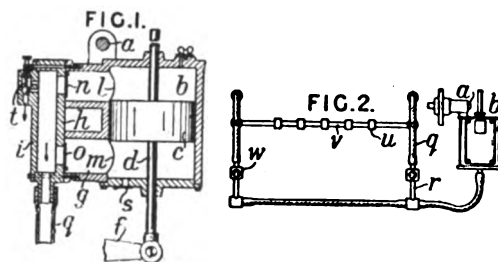
An invention by Mr. A. Broadmeyer, and the Hickok Manufacturing Co., provides means whereby sheets are separated from a pile and forwarded therefrom by rotating rollers 65 formed with a series of plane or flat surfaces, each having one or more ports or passages through which suction is created to separate and advance the sheets from the top of a pile. The rotary suction separator 65 is mounted on a shaft 60, and is formed with a series of suction apertures which communicate in succession with an aperture 88 in a



fixed suction member 89 mounted on a hub of the suction roller 65, and connected to a pump by means of a sliding valve which is operated from a cam on the shaft of one of the sheet conveyers. The vacuum may be broken by a hand-operated relief valve when desired. An adjustable ring 80 with a slot 81 is arranged between the suction roller and the fixed member 89, and controls the time of action of the suction members. The roller 65 may be of polygonal form, as shown in Fig. 11, and the apertures 107 therein have radial nozzles 108, 109, Fig. 12, or the roller may be formed as in Figs. 5, 6, with a series of radially movable members 69 which can turn on pivots 68 arranged between the walls 66 of the roller 65, and are limited in their outward movement. The members 69 are formed with side apertures which communicate in succession with slot 81, and with radial apertures 74 to which the sheets adhere, the successive apertures acting on different parts of the sheet to advance the same. The roller 65 is adapted to beat on the sheets and prevent double feed. To prevent premature action of the suction apertures, relief valves 112, Fig. 12, are provided which open if there is only a slight diminution of pressure in the suction member 89, but close when the member 82 is properly exhausted.—316,173.

SHEET SEPARATORS, ETC.

In this invention sheets are fed to and delivered from platen presses by means of moving suction nozzles *u*, Fig. 2, connected by pipes *v*, *q*, *r* to a suction pump capable of reducing the air pressure in the nozzles *u* to a lower pressure than necessary. The pump comprises a cylinder *b* which can swing about a pivot *a*, and a piston *c* operated by a lever *f* and a rod *d* guided by both ends of the cylinder. The piston *c* acts in each direction to force air through flap valves *s* and reduce the air pressure in an equalising chamber *h* connected to the cylinder *b* by means of passages *l*, *m* in a casing *g*, valves *n*, *o* permitting passage of air from chamber *h* to cylinder *b*. The piston *c* is capable of reducing the pressure in chamber *h* and the pipes *q*, *r*, *v*, quickly and to a pressure lower than required,



but an adjustable vent valve *t* permits air to enter the equalizing chamber *h* if the pressure is reduced below a given limit. A detachable cover *i* permits access to chamber *h* to remove dust, and the construction prevents accumulation of dust in chamber *b*. The nozzles are arranged in two sets, one for feed and one for delivery, and cam-operated valves in chambers *w* in the pipes *v* cut off the connection between the chamber *i* and these two sets of nozzles alternately. Mr. P. Glockner is the patentee—316,843.

PRINTING SURFACES

A method patented by the Amira Trust refers to a screen negative on a transparent base from which a printing surface to be made is produced by exposure through a screen and in the form of hardened silver dots with no soluble gelatin adjacent the base, and the dots of the image are then modified by intensification or reduction by ordinary photographic methods. By one method a dry plate is exposed through the base using a half-tone screen, and developed with a hardening developer, or developed and treated with a reagent to harden the gelatin in the presence of the exposed silver image, prior to a wash out treatment to remove the unhardened gelatin. The image is not fixed with hypo, and to induce solubility of the unexposed gelatin the negative is immersed for a short time in potassium meta-bisulphite. In order to prevent the production of very high dots the emulsion may have colouring matter in it; alternatively the latent image before development may be treated with bromide-iodine tincture, or copper chloride to which alcohol may be added. To prevent the residual halogen-silver in the image disappearing by a treatment with Farmer's reducing agent a very thin layer of silver iodide (with or without silver bromide or chloride) is deposited on the image by bathing it in a dilute solution of iodine in potassium



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iodide to which potassium bromide or chloride may be added. Any unreduced silver remaining may alternatively be blackened by developer. To use emulsions on opaque bases (e.g. bromide paper), if the base is permeable the emulsion is squeezed on to a glass plate after or before exposure, and developed and treated on the glass plates. If the base is impermeable the paper is exposed, developed and the unexposed gelatin removed prior to transfer and subsequent treatment.—316,364.

New British Patents

Full copies of published specifications (1s. each) can be obtained from the Patent Office, 25, Southampton-buildings, London, W.C.2

APPLICATIONS

Associated Portland Cement Manufacturers, Ltd., and Baxter, J. G. Multi-ply paper bags. 9,261.
British Tabulating Machine Co., Ltd. Printing mechanism. 9666.
Chatwin, Ltd., T., and Cox, A. Apparatus for gumming paper, cardboard, &c. 9757.
Demuth, P. Paper streamers. 9404.
Hoe and Co., Ltd., R. Webb-roll-changing mechanism. 9836.
Hoe and Co., Ltd., R., and Quick, C. G. Folding mechanism. 8581.
Hoe and Co., Ltd., R., Morris, E. T., and Quick, C. G. Means for printing stop press news. 8850.
Hodge, Ranger, Ltd., and Ranger, A. W. Sheet delivery apparatus for printing machines. 8592.
Lanston Monotype Corporation, Ltd. Matrix holders for typesetting machines. 9560.
Legg, O. Machine for cutting paper, &c. 9620.
Leibfarth, R. Containers of paper. 9724.
Merrick, W. A. Closure for paper, &c., bags or sacks. 9673.
Mohler, V. J. Printing devices. 8588.
Pearlite Box Co., Ltd., and Geddes, T. Manufacture of cardboard boxes. 9508.
Photoline, Ltd., and Dutton, A. Printing. 8474.
Photoline, Ltd. Photographic composing apparatus. 8475.
Richter, E. F. Printing devices. 8589.
Thomlinson, W. G. Paper envelopes, bags, &c. 8913.
Tillotsons (Liverpool), Ltd. Folding boxes. 8906.
Uhertype Akt.-Ges. Justifiers for photographic, &c., typesetting machines. 8745.
Walker, J. G. Manufacture of multigraphing ink. 9705.
Willis, Le R. W. Multigraph printing machines. 8536.
Wood & Co. (Printers), Ltd., E. J., and Stranders, J. Cardboard boxes, &c. 8701.

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1928

Allman, P. Intaglio printing. 326,552.
Baldwin, G. T. Printing cylinders, and means for securing sheets thereto. 326,472.
Burdick, C. L. Paper folding machines. 326,573.
Ernst, V. C. Photographic half-tone printing processes. 326,519.
Jones, P. H., Osborn, J. C., and Robinson, E. Loose-leaf binders, portfolios or the like. 326,875.
Klausner, S. Opaque washable playing cards, and methods of manufacturing same. 304,276.

Linotype and Machinery, Ltd., Dowson, R., and Taylor, H. B. Varying speed sheet-delivery mechanism for printing machines. 326,838.
Robinson and Sons, Ltd., and Robinson, E. B. Paper or cardboard boxes. 326,788.

1929

Bain, R. D., Nelson, J., and Lamson Paragon Supply Co., Ltd. Rubber printing plates for use in printing machines. 326,919.
Booth, J. B. S., and Lanston Monotype Corporation, Ltd. Typographic composing machines. 326,914.
Cakebread, W. L., and Barr Engineers, Ltd. Loose-leaf binders. 326,596.
Dunlop, S. (Windmoller and Holscher Ges.). Machine for transversely dividing paper webs. 326,739.
Hasler Akt.-Ges. vorm. Telegraphen-Werkstatte von G. Hasler. Printing machines. 314,450.
Hoe and Co., Ltd., R. Printing machines. 326,695.
Hoe and Co., Ltd., R. Rotary folding mechanisms. 326,673.
Jones, H. C. Plate holders for photo-mechanical composing machines. 326,756.
Intertype Corporation. Moulds for type-line-casting machines. 312,223.
Linotype and Machinery, Ltd., and Dowson, R. Dampening mechanism of rotary printing machines. 326,939.
Mortimore, C. H., and Hare and Sons, Ltd., C. H. Loose-leaf binders. 326,916.
Ono, S. I. Machines for cutting paper and like sheets. 311,184.
Pierpont, F. H., and Lanston Monotype Corporation, Ltd. Line-measuring mechanism for typographical composing machines. 326,726.
Power, R. F., and Morland and Impey, Ltd. Sheets or cards for visible indexes. 326,667.

COMPLETE SPECIFICATIONS OPEN TO PUBLIC INSPECTION BEFORE ACCEPTANCE 1930

Noble, F. J. Machines for forming paper sealing strips. 7243.
Uhertype Akt.-Ges. Mechanisms for producing linear displacements, and photographic type-setting machines in connection with them. 8,744.
Uhertype Akt.-Ges. Justifiers for photographic or other type-setting machines. 8,745.

MR. WILLIAM H. POUNTNEY, a managing director of Wyman and Sons, the railway bookstall and advertising contractors, has died at his home in Wokingham, aged 59. Mr. Pountney was connected with the Great Western railway bookstall and advertising business before Wymans took the bookstalls over in 1906, and he was given the management of the railway and advertising department, which he directed for about fifteen years. Later Mr. Pountney was appointed to a seat on the board.

THERE will be on view shortly at the Bloomsbury Galleries 250 works of modern Soviet graphic art—wood-cuts, wood-engravings and black-and-white drawings. This work is coming direct from Russia and brought into the country under diplomatic seals through the Soviet Embassy. The Soviet Ambassador will open the show, and a great many prominent Russians and Poles will be present to see what progress their countries are making in this direction.

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Country News

BIRMINGHAM

IN the annual match for the benefit of the superannuated members of the Birmingham Typographical Association on Saturday, "Press" defeated "Printers" by five goals to one.

BRISTOL

THE annual meeting of the Bristol Master Printers' and Allied Trades Association was presided over by Mr. F. H. Baker, in the unavoidable absence of the chairman (Mr. F. T. Love). A report embodying a record of the year's work, submitted by the secretary, was adopted, as was also the statement of accounts submitted by the hon. treasurer (Mr. Thos. Goulding). It was resolved to invite Mr. J. Sydney Bennett to occupy the position of president for the year, and Messrs. J. A. Arrowsmith-Brown and E. W. Allen were elected vice-presidents. Mr. F. T. Love was re-elected chairman, and Mr. F. H. Baker, vice-chairman. The committee had tabled the following resolution: "That this Association adopts and decides to put into practice the scheme for the selection and training of apprentices prepared and recommended by the National Joint Industrial Council for the industry." The secretary (Mr. G. F. Jones) explained the salient points of the scheme; and the resolution, having been moved by the chairman and seconded by Mr. H. Rankin, was adopted.

DUBLIN

At the recent annual general meeting of the Dublin Typographical Benevolent Fund and Printers' Pension Society, the following resolution was adopted: "In consonance with mandate of Dail Eireann of November, 1928, we demand that immediate action be taken by the Government of Saorstát Eireann to establish Old Age and Widows' and Orphans' Pensions in the Free State on at least equal standards to that now existing in Great Britain and Northern Ireland, and thus remove the invidious distinction now made between the workers of Northern and Southern Ireland."

DUNDEE

A PROPOSAL that information be sought with regard to setting up a municipal printing plant in Dundee, which Mr. D. R. Kidd made at a recent meeting of Dundee Town Council met with severe criticism. Mr. Kidd asked that an existing committee should be instructed to gather all necessary information on the subject and bring it before the council. Having regard to the large amount of printing which the minutes involved and the voluminous reports that were issued from time to time, it would be of advantage for the corporation to have their own printing plant, he said. Councillor Crawford seconded. The proposal was characterised as "an absolute absurdity" by Councillor Larg, who said he doubted if Councillor Kidd realised the difficulties of municipal printing. Bailie William Reid moved the negative, and this was seconded by Treasurer Frain. The negative was carried by 17 votes to 7.

IPSWICH

A SPECIAL supplement recently issued by the *East Anglian Daily Times*, Ipswich, deals with the growth of the town during the last century from the points of view of municipal and commercial enterprise and general development. Amongst the articles is one outlining the history of the Press in Ipswich from 1839 up to the present day.

LEEDS

A LARGE party of members of the Yorkshire centre of the Printers' Managers and Overseers, accompanied by ladies, made an enjoyable visit last week to the offices of the *Yorkshire Post*. After a tour of the various departments the party were entertained at tea at the Griffin Hotel, under the chairmanship of Mr. F. J. Harvey, the president. Mr. F. Osborn, joint general manager of the *Yorkshire Post*, gave an interesting address on the production of a newspaper. A vote of thanks to the directors of the *Yorkshire Post* and to Mr. Osborn was heartily carried on the motion of Mr. A. L. Hamer, seconded by Mr. D. A. Cameron.

A SIX-A-SIDE football tournament among teams chosen from the various departments of the *Yorkshire Post* and associated papers was held on Good Friday on the office sports ground at Headingley. Ten teams entered, and in the final a miscellaneous team defeated the reading department. Each member of the winning team received a solid silver cup and also a prize presented by Mr. E. Osborn, deputy general manager.

NEWCASTLE-ON-TYNE

THERE is a move in Newcastle-upon-Tyne for the establishment of municipal printing plant, although previous attempts to get this proposal sanctioned have failed.

Government Contracts

Contracts were placed with the following firms during March:—

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STATIONERY.—Waterlow and Sons, Ltd., London, E.C.

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PRINTING, RULING, BINDING, ETC.: Group 59 (1930)—Scotland—Bookwork Printing: Morrison and Gibb, Ltd., Edinburgh. Group 329 (1930)—Bookwork Printing—Vols. I and II: H.M. Stationery Office Press, Harrow. Group 329 (1930)—Bookwork Printing—Vols. III and IV: Eyre and Spottiswoode, Ltd., London, E.C. Group 617 (1930)—Jobwork Printing: John Worrall, Ltd., Oldham. Command Orders, etc., for G.O.C. Wessex Area (East) and Portsmouth Garrison: W. H. Barrell, Ltd., Portsmouth. Command Orders, etc., for G.O.C. Colchester Garrison and 4th Division: Benham and Co., Ltd., Colchester. Command Orders, etc., for G.O.C. 43rd (The Wessex) Division and Wessex Area: A. C. Brown and Co., Ltd., Plymouth. Command Orders, etc., for G.O.C. in Chief Western Command: G. R. Griffith, Ltd., Chester. Command Orders, etc., for G.O.C. in Chief Aldershot Command: Wm. May and Co., Ltd., Aldershot. Command Orders, etc., for G.O.C. Royal Army Service Corps Records: Henry Richardson, Ltd., London, S.E. Command Orders, etc., for G.O.C. 44th (Home Counties) Division, Home Counties Area: Royal Artillery Institution, London S.E. Command Orders, etc., for G.O.C. in Chief Southern Command: Salisbury Times Co., Ltd., Salisbury. Command Orders, etc., for G.O.C. in Chief Northern Command: Wm. Stevens, Ltd., York. Command Orders, etc., for G.O.C. West Lanes Area and Division: Willmer Bros. and Co., Ltd., Birkenhead.

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Commercial Review

Current Share Prices

Allied Newspapers ord. 30s., 8 p.c. cum. pref. 21s. 1½d., 21s. 6d.; Allied Northern Newspapers 6½ p.c. deb. 99¼; Anglo-Foreign Newspapers (5s.) 1s. 1½d.; Amalgamated Press 7 p.c. cum. pref. 19s. 6d., 20s., 5½ p.c. deb. 93; Argus Press Holdings 26s. 1½d., 7½ p.c. cum. pref. 19s. 9d., 19s. 3d.; Associated Newspapers 23s. 4½d., def. (5s.) 27s. 9¾d., 28s. 6d.; Buff Book 19s., def. (1s.) 10½d.; Daily Express Building 6 p.c. 1st deb. 99; Daily Mirror (5s.) 23s. 6d., 23s. 3d.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 105½; Thos. De La Rue 13s. 6d., 13s. 7½d.; John Dickinson 40s.; Financial Newspaper Proprietors 15s. 6d., 16s.; Financial News 5 p.c. cum. pref. 13s. 6d.; Financial Times ord. 27s. 6d., 7 p.c. cum. pref. 21s. 1½d.; Hudson and Kearns 10 p.c. 1st pref. (16s.) 13s., 12s. 6d.; Hutchinson and Co. partg. 1st pref. 11s. 3d.; Hutchinson Printing Trust 7½ p.c. partg. 1st pref. 15s.; Industrial Newspapers 7½ p.c. 1st pref. 9s. 9d., 10s.; International Linotype 82½, 83; Kelly's Directories 7½ p.c. cum. pref. 22s. 6d.; Lamson Paragon 19s. 10½d., 10 p.c. cum. pref. 24s.; Lans-ton Monotype Corporation 38s. 1½d.; Northcliffe News-papers 5½ p.c. deb. 99¼; Odhams Press (4s.) 6s. 6d., 6s. 9d., (new) 6s. 9d., 6 p.c. pref. 17s., 16s. 7½ p.c. A pref. 19s. 6d., 6½ p.c. deb. 102; C. A. Pearson 5½ p.c. cum. pref. 15s. 1½d.; Sunday Pictorial Newspapers 64s. 4½d., 65s., 8 p.c. cum. pref. 24s. 3d.; Raphael Tuck 20s. 10½d.; United Newspapers 7½ p.c. cum. pref. 11s. 3d., 12s. 6d.; Waterlow and Sons defd. 34s. 6d., 34s.; Winterbottom Book Cloth 67s. 9¾d.; Wyman and Sons 53s. 1½d.

Dividends and Reports

INTERNATIONAL LINOTYPE, which holds 28,808 "no par value" shares of the Mergenthaler Linotype Co. of New York, reports a profit of £41,375 for the year to March 31st, against £38,271 for 1928-29, the increase being due to larger dividends paid by the American company. A balance dividend of 4½ per cent. is to be paid by the English company, making 7½ per cent., against 7 per cent., the carry-forward being £338, against £251.

ARGUS PRESS HOLDINGS.—Profit, £45,253; dividend at rate of 12½ per cent. per annum on ordinary; to reserve, £5,000; carry forward, £3,598.

New Companies

ALEXANDER DIE AND PLATE STAMPING CO., LTD.—Capital £100, in £1 shares: die sinking and engraving, relief stamping, copperplate and steel engraving, letterpress and colour printing, etc. Private company. Directors: T. W. Garnham, 197, Colchester-road, Leyton, E.10, and A. A. Wallis.

REGENT AND GENERAL TRADE PROTECTION ASSOCIATION, LTD.—Capital £100, in 1s. shares; trade protection agency, collectors of debts, printers and publishers of newspapers, periodicals, gazettes, trade lists, advertising agents, etc. Private company. Directors: J. A. Edwards, G. T. Baldock and H. E. S. Wall. Registered office: Ulster Chambers, 168, Regent-street, W.1.

MORRIS, VIBERT AND CO., LTD.—Capital £5,000, in £1 shares (4,000 7½ per cent. preference and 1,000 ordinary);

to adopt an agreement with E. H. Morris. Advertisers, advertising agents and contractors, designers of advertisements, bill posters, etc. Private company. Directors: E. H. Morris, Miss E. M. Owen and M. E. Atkins. Registered office: Morris House, 9, Sandland-street, Bedford-row, W.C.1.

CRANE STUDIO, LTD.—Capital £5,000, in 1,000 8 per preference and 4,000 ordinary shares of £1 each; to carry on and to turn to account the Commercial Art Connection carried on by V. J. Sayles. Commercial art and advertising contractors and agents, etc. Private company. Directors: L. P. Sedgwick, J. M. Gabler and V. J. Sykes. Registered office: 1, Crane-court, Fleet-street, E.C.4.

GEORGE A. MARSH, LTD.—Capital £1,000, in £1 shares; to acquire the business of advertising, general publicity and art agents, carried on by G. A. Marsh at Oxford-circus House, 245, Oxford-street, W. Private company. Directors: G. A. Marsh and W. G. Ball. Registered office: Oxford-circus House, 245, Oxford-street, W.1.

IEFFEL TOWER BROADCAST PUBLICITY, LTD.—Capital £1,000, in 2s. shares (6,000 A and 4,000 B); general publicity and advertising contractors, specialising in the broadcasting of advertisements by wireless, advertising agents and advertisers in newspapers, journals, films, or any other process, etc. Private company. Directors: A. B. E. Cheeseman, W. Bennison and J. F. Guilloux. Registered office: 65, Coleman-street, E.C.2.

HYDE PARK TRUST, LTD.—Capital £100, in 1s. shares; to acquire land, etc. Shipbuilders, contractors, engineers, printers, publishers, advertisement contractors and specialists, newspaper proprietors, stationers, etc. Private company. Directors: Miss M. E. Nankivell and K. A. R. Smith. Registered office: 59, Edgware-road, W.2.

CORONET MANUFACTURING CO., LTD.—Capital £1,000, in £1 shares; to acquire the business now carried on at 15, Red Lion-street, Holborn, W.C., as "The Crown Manufacturing Co.," and to carry on the business of manufacturers of and dealers in typewriter ribbons and carbons, manifold papers, duplicating and wax papers and office sundries, etc. Private company. Directors: A. W. Mills and L. A. Ormrod. Registered office: 15, Red Lion-street, Holborn, W.C.2.

REEDS PRINTERS (LEEDS), LTD.—Capital £1,000 in £1 shares (250 5 per cent. cumulative preference and 750 ordinary); to acquire the business of a stationer and printer carried on by B. Mulligan at 19A, Jack-lane, Hunslet, Leeds, and to carry on the same and the business of lithographers, stereo and electrotypes, photographic printers, engravers, diesinkers, envelope manufacturers, bookbinders, etc. Private company. Directors: G. Scargill (chairman), 262, Cross Flats-grove, Leeds, and B. Mulligan.

S. SMULLEN, LTD.—Capital £500 in £1 shares; manufacturing stationers, etc. Private company. Directors: Solly Smullen and Myer Langman. Registered office: 115, Gallowgate-street, Glasgow.

MODERN BOOKBINDERS, LTD.—Capital £500 in £1 shares; to acquire from W. Hull all patents and patent rights vested in him for inventions in connection with self-binding devices for periodicals and the like. Manufacturers of and dealers in self-binding devices and binding cases for periodicals and the like, manufacturers of and dealers in files, etc. Private company. Directors: W.

Hull, Ethel Hull and J. C. Arkwright. Solicitor : W. Hull, 31, Victoria-street, Blackburn.

KENYON'S POSTER SERVICE, LTD.—Capital £1,000 in £1 shares ; to acquire the business of a window ticket and poster writer, artist, lithographic designer and printer formerly carried on by W. Kenyon at 2, 4 and 6, Bury-street, Bolton, as "Kenyon's Handwritten Poster Service." Private company. Directors : W. Kenyon and W. Talbot. Registered office : 2, Bury-street, Bolton, Lancs.

PHOTOPRESS, LTD.—Capital £8,000 in £1 shares ; to acquire the business of a press illustrator, commercial photographer, cinematographer, process engraver, printer and advertising agent carried on by G. W. Lymbery at 10, Johnson's-court, Fleet-street, E.C. Private company. Subscribers : S. Lymbery and Mrs. L. B. Lymbery. Registered office : 10, Johnson's-court, Fleet-street, E.C.4.

Mortgages and Charges.

VICTORY - KIDDER PRINTING MACHINE CO., LTD. (Queens House, 28, Kingsway, W.C.2.)—Satisfaction in full on May 15th, 1919, of debenture dated October 7th, 1915, and registered October 22nd, 1915, securing £3,000. (Notice filed April 8th, 1930.)

COURIER PRESS (LONDON), LTD. (office : 66, Bedford-street, Leamington, Spa).—Mortgage dated February 1st, 1928, charged on 10, Gough-square, E.C.4 (property acquired April 2nd, 1928), on which £2,914 7s. 8d. was owing on November 1st, 1929. (Now registered pursuant to Section 91 of the Companies Act, 1929.) Mortgagees : Leamington Warwick and South Warwickshire Permanent Benefit Building Society.

VACHER AND SONS, LTD. (stationers, etc., Westminster House, etc.).—Mortgage dated December 23rd, 1902, charged on Westminster House, 10 and 12, Great Smith-street, S.W. (property acquired February 15th, 1910), on which £12,700 was owing on November 1st, 1929. (Now registered pursuant to Section 91 of the Companies Act, 1929.) Mortgagees : Foyer, White, Borrett and Black, 20, Essex-street, W.C.2.

EDEN FISHER AND CO., LTD. (stationers, etc., 6, 7 and 8, Clements-lane, E.C.).—Land registration charge on 6, 7 and 8, Clements-lane, E.C., and a sinking fund policy for £40,000, dated March 25th, 1930, to secure £40,000. Holders : Equitable Life Assurance Society.

BURY ST. EDMUNDS PRINTING AND PUBLISHING CO., LTD. (Kings-road, Bury St. Edmunds).—Satisfaction to the extent of £500 on March 31st, 1930, of debenture dated November 6th, 1928, securing £1,000 and interest.

NORMAN WARD, LTD. (printers and stationers, etc., Kells-lane, Low Fell).—Mortgage dated March 18th, 1930, to secure £399 9s. 11d. and further advances, charged on leasehold land, factory and other buildings in Kells-lane, Low Fell, Gateshead. Holders : North Durham Permanent Benefit Building Society.

TRIPPS, LIVERPOOL, LTD. (cardboard box makers and printers, etc., 4, South Hill-grove, Dingle, Liverpool).—Satisfaction to the extent of £195 on January 27th, 1930, of debenture dated July 11th, 1924, and registered July 24th, 1924, securing £500.

POWELL LANE MANUFACTURING CO., LTD. (manufacturers of paper shavings, etc., The Docks, Gloucester).—Debenture charged on leasehold property at The Docks, Gloucester, and the company's undertaking and property, present and future, including uncalled capital, dated March 28th, 1930, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd.

SWISS AND SONS, LTD. (printers, etc., 33, Marlborough-street, Devonport).—Charge on 33, Marlborough-street, Devonport, dated March 20th, 1930, to secure £2,500. Holders : Mrs. C. F. Morrison, Teignmouth, and H. G. Michilmore, Newton Abbott.

CHARLES FELL AND SON, LTD. (stationers, etc., 179, Great Dover-street).—Land registration charge on 179, 180, 181 and 182, Great Dover-street, Southwark, dated March 17th, 1930, to secure all moneys due or to become due from the company to the Westminster Bank, Ltd.

P. AND G. WELLS, LTD. (stationers, etc., 11, College-street, Winchester).—Mortgage dated June 8th, 1891, charged on 11, College-street, Winchester, Hants (property acquired October 25th, 1928), on which £1,000 was owing on November 1st, 1929. (Now registered pursuant to Section 91 of the Companies Act, 1929.) Mortgagees : Mrs. E. M. Smith, Printhead Cottage, Winchester.

KENNEDY PRESS, LTD. (journalists, etc., 15A, Liverpool-road, Deansgate, Manchester).—Particulars filed of £3,150 second debentures (inclusive of £150 already registered) authorised March 3rd, 1930, charged on the company's property, present and future, including uncalled capital, the amount of the present issue being £3,000.

WILLIAMSON-PETHICK PRINTING CO., LTD. (3 and 4, New-street-hill, E.C.4).—Debenture dated March 24th, 1930, to secure £200, charged on the company's undertaking and property, present and future, including uncalled capital. Holder : V. Pethick, 43, Central-road, Sudbury.

FOSTER TURNER, LTD. (advertising and publicity agents, etc., Worcester House, 7 and 8, Walbrook, E.C.).—Charge on uncalled capital now amounting to £2,500 dated March 25th, 1930, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd.

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Receivers Appointed or Released

J. G. HUDSON AND CO., LTD. (formerly Hudson and Morrison, Ltd.), (colour printers, etc., 38, Grosvenor-place, S.W.1.—T. C. Y. Hughes, C.A., of 24 and 25, Ironmonger-lane, E.C., was appointed receiver on April 4th, 1930, under powers contained in second debentures dated January 15th, 1927.

HYDE PARK PRESS, LTD. (59, Edgware-road, W.).—F. J. Leach, of 15, Seymour-place, W.1, was appointed receiver and manager on March 31st, 1930, under powers contained in debenture dated October 14th, 1929.

GREENALL (LEEDS), LTD. (printers, stationers, etc., 53, Barrack-road, Leeds).—C. Stangroom, of 2, Albion-place, Leeds, was appointed receiver and manager on March 18th, 1930, under powers contained in debenture dated November 25th, 1929.

RAPID REPRODUCTIONS, LTD. (82, Victoria-street, S.W.1.).—A. L. Sutcliffe, C.A., of 10, Coleman-street, E.C.2, was appointed receiver and manager on March 20th, 1930, under powers contained in instrument dated February 5th, 1929.

"WINGS" PUBLICATIONS, LTD. (12 and 13, Henrietta-street, W.C.2).—R. S. Andrews, of 448, Strand, W.C.2, ceased to act as receiver on March 26th, 1930.

Bankruptcies

MR. HORATIO BOTTOMLEY appeared at the London Bankruptcy Court for public examination in connection with his financial affairs. His statement of affairs showed liabilities of £116,769, of which £115,899 were unsecured, and estimated assets of £1,000, apart from book debts. Of the liabilities £109,984 were returned as due to the trustee in the 1922 bankruptcy proceedings. In 1928 he registered a private company the Phoenix Press Co., to run a new weekly journal, *John Blunt*. From time to time he financed the company out of his journalistic earnings and libel damages. The company had insufficient working capital, and in October, 1929, an order was made for winding up. On the deputy-official receiver's application, the examination was adjourned until May 21st, Mr. Bottomley in the meantime to amend his deficiency account after consulting the official receiver and the companies in liquidation.

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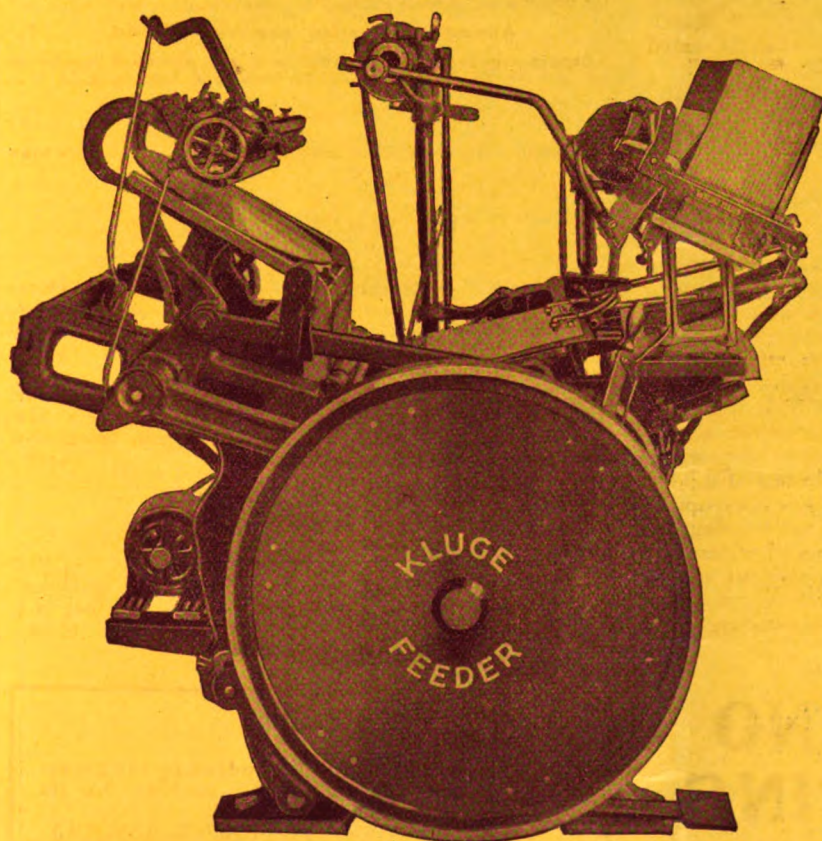
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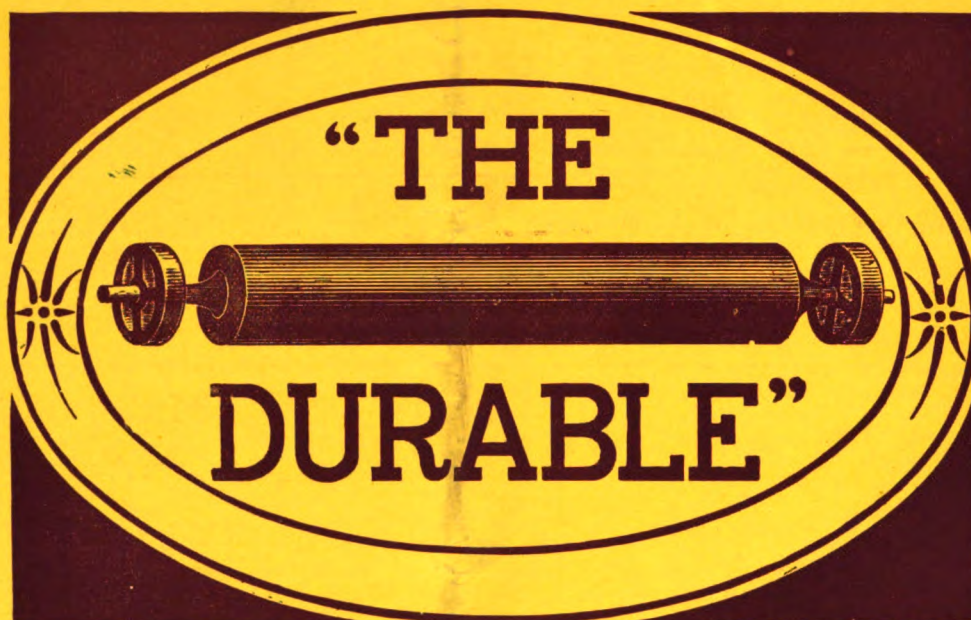
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VOLUME 106
NEW SERIES No. 79

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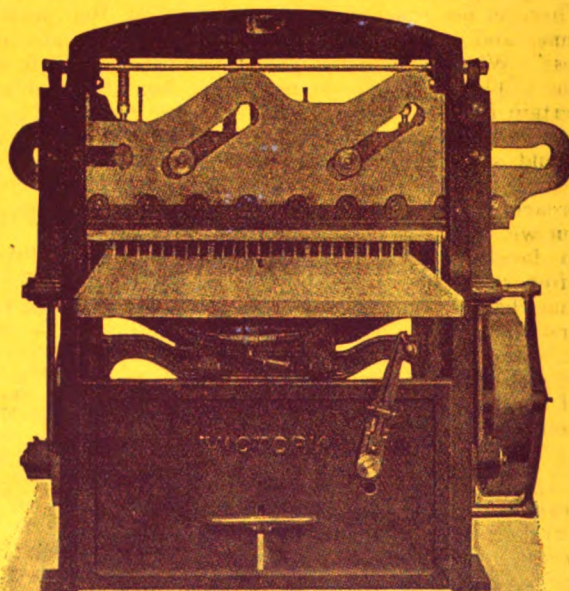
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The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 108
NEW SERIES No. 79

LONDON: MAY 1, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THE printing industry is still deploring the lack of steady trade, and looking forward anxiously to an improvement in conditions. Prospects are far from bright, and it cannot be held that there is evidence of any material change occurring in the trend of things for some time to come. Especially on the commercial side demands are at an absolute minimum; and in keeping with the usual laws of supply and demand prices obtainable are below the normal level. There is not much profit in printing at the present time, and in many quarters there must be absolute loss. What the unemployment percentage will figure out at for April we do not know, but it is almost certain that the highest level for some time will have been reached. Under normal conditions of trading we would, about this time of the year, be anticipating the approach of the customary lull, but we are surely not having to face any such prospect after the sort of business that has characterised the first four months of the year. It would be about the last straw if by any combination of circumstances the situation became more acute.

If there had not been the development in the use of direct publicity which has been a main characteristic of the post-war phase, it is difficult to imagine what condition the printing industry would have been in to-day. Despite the lengthened run of bad trade and general depression, advertising has gone ahead by leaps and bounds—very possibly it has been because of depression,

and in the spirit of something like desperation in many cases. However it may be, the fact remains that printers have a great deal to thank the advertising agencies for. Many printers at present are in the happy position of keeping all their machines in full swing on work provided for them by the salesmanship and creative ability of trained advertising staffs.

* * *

WHILST on the subject of publicity as a dispeller of depression, it is interesting to note that the great textile industry of Lancashire has at last called in the aid of experts in publicity. A committee of the foremost advertising agencies in the district has been at work on cotton problems for some time, and thus it can be said that the best brains on selling and advertising have been at the disposal of the Lancashire manufacturers. The first-fruits of their efforts took shape in the form of exhibitions, displays, window shows and Press prominence. An elaborate scheme for a Cotton Week is now being carried out, and from May 5th to 10th practically every retailer in the country who sells dress materials and fabrics will participate in the national effort to boom cotton goods on Lancashire's behalf.

* * *

MANCHESTER printers, or more correctly, half a dozen of the leading officers in that city, have co-operated in the production of publicity literature for the Cotton Week. Between them Messrs. Jesse Broad and Co., Ltd., and C. Nicholls and Co., Ltd., have

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produced two million folders in green and black, whilst Messrs. Norbury Natzio and Co., Ltd., have printed 80,000 window streamers, 40,000 double crown posters and 80,000 smaller posters. Other literature includes letter circulars, poster stamps and window bills. In all, there are 13 tons of printed matter, and the whole of the printing has been performed in something like record time. Thus does publicity first benefit the printing industry.

* * *

DESPITE the increased amount of interest in health conditions in printing offices, it is something unusual to come across a composing room remarkable for its cleanliness. There may be an apparent lack of dust and dirt so far as externals are concerned, but not many offices will stand the test of having type cases and standing matter examined. The depth of dust on certain cases may be taken as an indication of the amount of use made of the type characters therein. If there is any value to be extracted from dust, it would suggest itself that where discovered in a settled state and to a given depth, dust could be regarded as having supplied all the evidence necessary to condemnation of this type as scrap. Far better be without the dust, however, in which event it would happen in practice that types would be put to better use and give quicker production. The electric vacuum dust absorber, made with special provisions for printing offices, is the most efficient medium for improving health conditions in the composing department, but it still remains for the majority of printers to realise this fact.

Death of Mr. T. A. Newnham

It is with regret we have to chronicle the death of another well-known worker for the trade charities in the person of Mr. Thomas Alfred Newnham, who was one of the trustees of the Lloyd Memorial (Caxton) Seaside Home.

Mr. Newnham was employed for many years as a compositor on the London *Evening News*, and served for a time on the News Committee of the London Society of Compositors and other trade committees, and was a pioneer in the convalescent movement for members of the craft. He was one of the first members of the Lloyd Memorial Home, having joined the committee in 1887, being appointed vice-chairman in 1910, and accepting chairmanship in 1912, which position he held until 1921, when he was unanimously elected a trustee, a position he held at the time of his death. Mr. Newnham was in his 78th year, and leaves a devoted wife and a large family and other acquaintances to mourn their loss.

In masonic circles Mr. Newnham was much respected.

Tragic Death of Col. Forman

As we go to press we learn with great regret that Col. Dudley P. Forman, J.P., governing director of Thomas Forman and Sons, Ltd., Nottingham, died this (Wednesday) morning. While riding his horse on Tuesday morning he was thrown and kicked, and did not regain consciousness. He was president of the Midland Alliance in 1926 and was to have been elected vice-president of the Federation at Edinburgh next month. He was 43 years of age.

Personalia

COLONEL SIR ARTHUR HOLBROOK, who was president of the Newspaper Society in 1913-14, reached his 80th birthday on Monday.

Two printer M.P.'s, Mr. T. E. Naylor and Mr. George Isaacs are amongst the speakers who have taken part in the by-election activity at West Fulham—of course on behalf of the Labour candidate.

SIR GOMER BERRY, on his retirement from the presidency of the National Advertising Benevolent Society, was presented at the annual meeting on Monday night with a framed photograph of Prince George, the Lord Mayor of London and himself taking part in the proceedings of the annual festival of the Society. The photograph had been autographed by Prince George and the Lord Mayor.

MAJOR ASTOR, M.P., was elected president of the Society for the ensuing year.

DR. GEORGE L. RIDDELL, son of Mr. J. R. Riddell (principal of the London School of Printing), has lately, during his American tour, spent some time in Boston and in New York City. His itinerary includes Washington, Philadelphia, Cincinnati, Chicago, and several other cities, before his return to England via Canadian cities in which he also hopes to spend some time.

MR. ALFRED DOWNING, who, along with two other employees of Mackie and Co., Ltd., the Warrington *Guardian* Press, completed his jubilee of service this year, has just retired on superannuation from the position of foreman compositor.

MR. JOHN GROVES, of Cardiff, has celebrated almost simultaneously his golden wedding and fifty years' service with one firm. He commenced work as a journeyman at the Tudor Road Printing Works (*Western Mail*), Cardiff, on April 5th, 1880, and was married on April 18th a few days afterwards.

For the last twenty-two years Mr. Groves has been outside representative for the printing department of the Western Mail, Ltd. The golden wedding was celebrated at Bournemouth, and many messages were received from friends in Cardiff.

Picturesque Wedding

At St. Mary's Church, Church Street, Stoke Newington on Saturday, April 26th, a large congregation assembled on the occasion of the marriage of Mr. Frank Norman Escott Wright to Ella Winifred, third daughter of Mr. W. H. Burchell (of the Caxton Press, Ltd.) and Mrs. Burchell.

The bride looked charming in a dress of white faille and Brussels lace, and her train, over three yards long, was carried by a dainty and efficient little lady in the person of Miss Daphne Burchell (niece of the bride), aged seven years. The elder attendant on the bride was Miss Lorna Burchell (younger sister), also beautifully attired.

The bridegroom was attended by his cousin, Mr. E. Child, who very ably carried out his duties as best man. The bride was given away by her father.

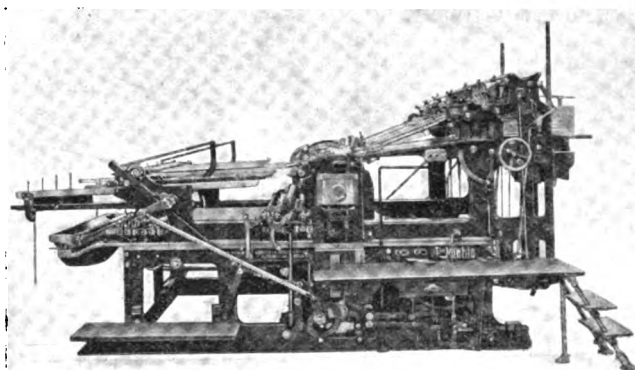
A wedding breakfast was afterwards held at Beale's Assembly Rooms, Holloway Road, the happy pair leaving to spend their honeymoon touring Devon and Cornwall.

The Miehle

TRADE MARK

sells itself again and again

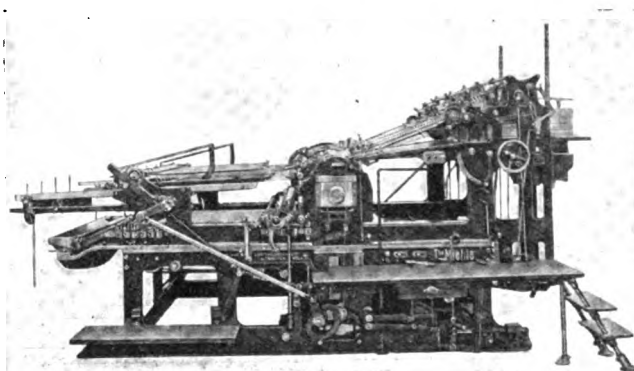
When remitting payment for machinery a customer wrote :
" We take the opportunity of expressing quite voluntarily, and perhaps unnecessarily, our appreciation of the courtesy which has characterised your conduct of the transaction throughout, encouraging, as it no doubt will, further business on the same, we trust, mutually satisfactory terms."



This is the equipment to which reference is made

THE NO. 4 MIEHLE
with Built-in Automatic Feeder

On the following day an order was received from the same customer for another



THE NO. 4 MIEHLE
with Built-in Automatic Feeder

The Miehle is manufactured in England by
LINOTYPE & MACHINERY LTD., LONDON

British and Belgian Printers

International Rapprochement

The Easter visit arranged by the Home Counties Master Printers' Alliance to Belgium was an unqualified success. The party, which included ladies, numbered seventy. The journey to the Continent was made via Dover and Ostend, about half the party travelling by day on the Thursday and the other by the night boat.

Breakfast was taken in Bruges on the Friday morning and after a reception by M. Paul de Brouwer, chairman of the Bruges Master Printers' Association, a programme of sight-seeing was begun.

HISTORIC BRUGES

Bruges is of special interest to British printers in that there Caxton produced the first book printed in English from movable types, and M. Jean Deyeart, publisher and printer of Bruges, is seeking to prove a theory that Caxton learned the art from a John Brito, an Englishman, who appears to have produced a book from movable types fifty years before Gutenberg.

The collection of wood cuts in the Gruuthuuse House was of special interest to the party. The Belgian Master Printers entertained the party at tea, when Major Langdale, a retired officer of the British Army now resident in Bruges, mentioned that in connection with the celebrations this year of the centenary of the Independence of Belgium the Bruges Master Printers would collectively publish in one volume a series of "Manuals of Conversation," one of which was originally produced by Caxton.

Travelling to Brussels on the Saturday morning, the party there took lunch with representatives of the British Chamber of Commerce in Belgium. Mr. William Maxwell, president of the Federation, proposed the toast of "The Chamber" and mentioned that his first journey abroad in 1893 was to Belgium. He said that the British Chamber of Commerce in Belgium had over 600 members, and at the present time Belgian mentality was more favourable to this country than any other country. Mr. W. H. Lewman, the president of the Chamber, replied to the toast. A native of Gravesend, he has lived in Belgium for forty-one years, and testified to the sincerity of the feeling of the people in Belgium to Great Britain.

A UNIQUE OCCASION

In the afternoon a joint meeting with the Master Printers of Belgium was held at their offices in Brussels. The party was welcomed by Mr. Arnold Stiels (president of the Federation Patronale Belge des Industriels du Livre), Mr. B. de Jong (president de la Chambre des Maitres Imprimeurs de Bruxelles), Mr. Vanderauweraan (secretary of the Federation Patronale des Industriels du Livre), Mr. Dewarichet (hon. secretary), Mr. Amand Defrenne (treasurer of the Federation and of the Brussels Association), Madame Leysen and others.

Mr. Stiels addressed the meeting, giving details of the work of the organisation in Belgium.

Colonel Barrell congratulated the organisation on having only one agreement with the workers, whereas in Great Britain there were many. It was the first time, he said, that an organisation of master printers had visited Belgium, and he hoped it would not be the last. It would create better relationships not only in

commerce but generally. They appreciated very much the welcome they had received and the opportunity of learning of the difficulties of Belgian printers. He asked them to accept a gift from the Alliance of a gavel and hammer in the form of a mallet and planer. He hoped this would help not only to smooth over but to hammer down their difficulties. These gifts were made of wood from the roof of Stationers Hall. On the mallet was a stereo of the badge of the Federation of Great Britain, and on the sides were inscriptions.

Mr. Stiels suitably acknowledged the gift.

APPRENTICESHIP IN BELGIUM

Mr. de Jong, addressing the meeting, said that these visits would serve to improve even the good relations that already existed. They appreciated the good work that was being done in England, because they frequently had opportunity of buying printing work from England. They were constantly endeavouring to raise the standard of the product in Belgium, and had special schools and study circles. Boys were not regarded as apprentices until they had spent a year in the works and given proof of their aptitude. They must then sit for an examination in one of three schools—typography, lithography, and binding. Apprenticeship lasted for five years. Classes were in the evening. The employer overlooked the work of the apprentice both in the shop and the school. The schools belonged to the industry and were subsidised by the State, the Province of Brabant and the City of Brussels, the balance being provided by a subscription by the employers. The schools were managed by a joint council of employers and workers with representatives of the three public bodies. They had difficulty in finding suitable teachers. About 400 students were now at the Typography School, Litho School 110, Binding School 150.

BRITISH PRINTERS' ORGANISATION

Mr. R. A. Austen-Leigh then addressed the meeting in French, detailing the origins, development and present position of organisation in the printing trade in Great Britain. He mentioned that Caxton, after plying his trade as a mercer in Bruges for thirty years, began to practise the art of printing. In Bruges in 1474 appeared the first book ever printed in the English language, and from Bruges it is commonly supposed Caxton took his plant to Westminster.



Mr. Stiels mentioned that while Great Britain had had stabilisation of wages since 1922, in Belgium there had been great changes, in an upward direction.

Mr. Maxwell said the English deputation felt they were on ground that was sacred to them, because not far away Caxton was a printer and from thence carried the noble art to this country. They hoped on Monday to see the Plantin Museum whose name was indelibly associated with our craft and whose types had given a name to one of the most famous types in our country. Belgium was doing what England was doing—seeking to induce the greater use of printing and to make it more beautiful and effective. He invited the Belgian master printers to visit the Federation annual meetings in Edinburgh.

Tea was served, and the Belgian Master Printers conducted the visitors to see the many beautiful buildings in the City.

TO "MONOTYPE" PRINTERS WHO SELL BY ADVERTISING

every layman is interested in the "Monotype."

Every buyer of printing wants to know *why* this uncanny machine makes fine quality composition economically sound, *why* it speeds production, assures accuracy, and gives such resultful advertising possibilities  and so that you may capitalise the prestige of the "MONOTYPE" amongst buyers of printing, we are providing free line and half-tone blocks illustrating the machine  write for details to

The Lanston Monotype Corporation Limited

143 Fetter Lane, London, E.C.4

 **CAPITALISE THE PRESTIGE OF THE "MONOTYPE"!**

In the evening a dinner took place at the Hotel Metropole, attended by representative members of the Belgian Federation and by the visitors.

Mr. Stiels and Colonel Barrell were joint chairmen, and the former proposed the toast of King George and asked his countrymen to send him a telegram of good wishes, and Colonel Barrell made a similar proposal in relation to the King of the Belgians.

MR. R. A. AUSTEN-LEIGH'S DISTINCTION

It was at this dinner that the announcement was made that the King of the Belgians would create Mr. R. A. Austen-Leigh a Chevalier of the Order of Leopold. Mr. Stiels stated that industries in Belgium were entitled to make representations to the King nominating as recipients of decorations persons who had done good work for the industry from time to time, and this honour which would be conferred upon Mr. Austen-Leigh was in recognition of his work for the international organisation of printers.

Mr. Austen-Leigh, in reply, said he recognised this as an honour for the printing trade in England, especially the Home Counties Alliance.

Mr. Maxwell, proposing the toast of "The Belgian Master Printers," said that Belgium and England had always been good friends, and in their international meetings they had achieved friendly relations not only between nation and nation, but between individual master printers.

Mr. A. E. Goodwin supported the toast. He claimed that their meeting together was another step towards international peace. Three of the party who visited Gothenburg in 1923 were present. Mr. R. A. Austen-Leigh worthily deserved the honour paid him, for he was a pioneer of the international movement in printing, travelling over the Continent from time to time endeavouring to help forward the work of international organisation among the printers of the world. It was important that the movement should have the support of the rank and file of members of the printing trade.

Mr. Stiels, referring to his own membership of the Committee of Five charged with carrying out the work of the International Bureau, said that the work was done by Herr Ullstein, Mr. R. A. Austen-Leigh and others. He proposed the toast of "Colonel Barrell," the chief inspirer of the conference.

On the afternoon of the following day a delightful experience was enjoyed by the members of the party when they visited Malines and heard a carillon recital by Miss Gladys Watkins of Wellington, New Zealand.

ENJOYABLE TOURS

On Monday a very full programme in Antwerp had been arranged under the guidance of Mr. Charles Stockmans, one of the leading printers of the city. The party left Brussels by an early train and on reaching the great port of Belgium first visited the Plantin Museum. Proceeding to the City Hall they were welcomed by the Burgomaster, M. Frans Van Cauwelaert. After a visit to the Cathedral to inspect the famous Rubens paintings, lunch was taken. A fleet of private cars then conveyed the party to a small steamer which took them along the famous and extensive docks of Antwerp, and they had an opportunity of appreciating the tremendous developments that are taking place which will ensure for Antwerp a position in the front rank of European ports. Leaving the steamer the party again entered the cars and had the privilege of being driven into the grounds of the great exhibition that is about to open at Antwerp to celebrate the Centenary of the Independence of Belgium.

The party then journeyed to the Antwerp War Memorial, which had been unveiled by the King of the Belgians earlier in the day, and Colonel Barrell, accompanied by Mr. Maxwell, placed a wreath upon it. Tea at the Antwerp Zoo concluded the full and interesting programme arranged for the day.

In the evening Mr. and Mrs. Charles Stockmans gave a private dinner party to which were invited leading representatives of the Belgian Master Printers, high officials of the City of Antwerp, the office-bearers of the Home Counties Alliance and the Alliance guests in Belgium.

During the evening Colonel Barrell expressed the thanks of the Alliance to Mr. Stockmans for all he had done.

A Presentation in Newcastle Master Printers' Hon. Treasurer

A most interesting and unique presentation marked the occasion of the annual meeting of the Newcastle and District Master Printers' Association on Monday.

Mr. John Thornton, president, presided over a large and representative attendance, and after the reports and financial statement had been presented and approved, the chairman announced that in view of the fact that the hon. treasurer, Mr. C. F. Bowes, had now completed 25 years in that position, it had been decided to make a little presentation as a mark of appreciation of the invaluable services rendered to the Association by Mr. Bowes during that time.

Mr. Walter Doig, president of the North-Eastern Master Printers' Alliance, in making the presentation, said that during the forty years of the Association's existence, Mr. Bowes had been one of the stalwarts. He briefly reviewed the many phases of activity in which the recipient had played an active part, and concluded by handing over on behalf of the members a case of Barling pipes, the case bearing a suitable inscription.

Mr. Jas. Hedley also made complimentary reference to the good qualities of the treasurer, and handed over a box of tobacco. Mr. R. Beveridge then added to the other gifts a box of cigars, and Mr. E. E. Wade said that as Mr. Bowes was "matchless" he had pleasure in making good the deficiency with "hundreds." Mr. W. E. Burrill completed the ceremony with a gift of ash-trays, made in Newcastle.

Mr. Bowes in his reply, as was natural, was in a reminiscent mood, and said that he was surprised to find that 25 years had elapsed since his first election. He recounted the curious experiences the Association had had in its early days, and said he was convinced that by their interest and support the Association could still further progress, working for the common good, and setting a high standard for other industries.

The election of officers followed, the following appointments being made: President, Mr. John Thornton; vice-presidents, Messrs. Jas. Hedley and Mark F. Reid; hon. secretary, Mr. E. E. Wade; hon. treasurer, Mr. C. F. Bowes; hon. auditor, Mr. Thos. Dobson.

The best annual meeting for many years concluded with "Auld Lang Syne," led by Mr. Hedley.

A REPORT by the American Paper Conference Board states that an average of 75 per cent. of paper shipped from the mills is on the 1,000-sheet basis.



NEWS REELS

5" to 18" Wide.

THE "CROMVALE" MILL

has reels in Pink or White shade,
normal diameter,
always available for immediate or forward delivery.
Clean pulp — good sheet —
firm, clean and accurately wound reels—
Excellent for Check Books, Newspapers, or numerical printing.

WALTER IBBOTSON & CO. (M/C) LTD.
ASIA HOUSE, MANCHESTER. GRAHAM HOUSE, LONDON.

KNIGHTON & CUTTS LTD.

move to larger premises

*We've outgrown our present premises in Fleet Street. So
we've moved ... a little further away, but still near enough ... to*

DENMAN STREET

(over Piccadilly Circus Garage)

PICCADILLY CIRCUS, W.1

And this means more than just a change of address. For we've installed new plant and machinery and started two new departments: an Electrotyping and Stereotyping Service and a Typesetting Department. These further branches of our service are in charge of Mr. J. Black, late of Spottiswoode, Ballantine Ltd., and of Mr. H. J. Healing respectively. You

may depend on them for the same quality of work, the same efficiency, that has made our process engraving department one of the largest in London.

Send your next job to Knighton & Cutts ... at Denman Street, Piccadilly.

Telephone: Gerrard 9941 (6 lines)

Printers' Libel Liabilities

A Rebellion Suggested

It is time that the printing industry rebelled against the prevalent idea, unfortunately supported by the present legal position, that printers are fair game for damages for all the real or imaginary "torts" originated by others in the form of printed libels. The injustice of the law as at present applied, and the need of collective action to obtain reform, are forcibly set forth in a four-page pamphlet written by Mr. E. W. Carter, chairman of Messrs. W. Speaight and Sons, Ltd., the well-known London printing firm.

INJUSTICE TO PRINTERS

Many cases, Mr. Carter points out, would never be brought if there were not a printer to sue. Three people are held legally accountable, jointly and severally, for a printed libel—the writer, the publisher, and the printer—and the printer may even find himself liable for the whole of the costs and damages, as the writer (or editor) and the publisher (generally the proprietor) may be perhaps of little substance. Yet, as Mr. Carter goes on to indicate, the printer should not be liable at all, unless he can be proved to have had knowledge of the libel, or to have neglected to exercise ordinary care. For the writer is obviously the primary offender; and the publisher may be presumed to be knowingly permitting him to get publicity; but the printer has no interest in the views published, and his readers merely read the proofs for grammar, punctuation and general correctness. Yet the printer, who has nothing to gain by the libel, may be made to assume the whole responsibility.

Mr. Carter protests also against the fact that a decision of the High Court has made unenforceable any clause in a contract by which a publisher may agree to indemnify the printer against the results of a libel action. He inquires, whilst it may be a just principle that where there are two wrongdoers one should not be able to recover from the other, yet, where a firm of printers publishes under contract a newspaper, and that newspaper publishes a libel, can it be said that the printer is a wrongdoer in the same sense as where A, who wants deliberately to libel B, instructs a printer to print a sheet which is obviously a libel?

PROPOSED ACTION

In view of such a state of affairs, Mr. Carter suggests that it is the duty of the Master Printers' Federation to take up the cudgels in defence of its members throughout the country. There are, he says, three courses immediately open:—

1. To include in its standard trade conditions a new clause, calling upon the proprietor of a paper to show that he is insured against libel to a reasonable amount.
2. To bring a test action to reverse the King's Bench decision that printers cannot recover upon an indemnity contained in a contract for the printing of a daily or weekly newspaper or any printed sheet.
3. To try to obtain powers for the judges and juries to allocate the damages as against the various defendants. Where a printer has apologised, and done his best to overtake a libel by advertisement and otherwise, it is reasonable to suggest that he should be ordered to pay a smaller proportion of the damages than the defendant who seeks to justify the libel.

Mr. Carter further urges that libel cases should be referred to judges alone, and should not be left to

juries. He suggests that printers, proprietors and editors should combine to protect themselves, the first step being for all parties to insure against libel with the same underwriters, thus combining defence under one firm of solicitors and one council, with a saving of half the costs.

Do Printers Help Advertisers?

Mr. W. Buchanan-Taylor's Views

"Does the printer help the advertiser?" This question was asked and answered by Mr. W. Buchanan-Taylor, publicity manager to Messrs. J. Lyons and Co., Ltd., when on Tuesday he addressed a luncheon party of the London Master Printers' Association at the Holborn Restaurant.

Mr. Alfred Langley, president of the L.M.P.A., presided, supported by many people prominently connected with the printing industry.

Undoubtedly, said Mr. Buchanan-Taylor, the printer did help the advertiser—but not nearly enough. He referred with playful criticism to his experiences of printers' punctuality with orders, the methods of printers' representatives, and the attitude of master printers towards modern type faces.

At the same time, he said, there had been pleasing developments in the trade of recent years, including the advent of the printer who set out to put art as well as heart into his work; also the establishment of typesetting houses specialising in display types, and providing interesting layouts, etc. [A full report of Mr. Buchanan-Taylor's address will appear in the next issue of the *British and Colonial Printer*.]

At the conclusion of the address, a vote of thanks to the speaker was proposed by Mr. J. Crowlesmith (deputy chairman, Hazell Watson and Viney), who, while complimenting Mr. Buchanan-Taylor on his address, at the same time had some constructive criticism to offer. He suggested that if the advertising agents, who controlled the advertising market, were prepared to pay a little extra for their work instead of leaving the printer to face, as he very often had to, the keenest competition, then they as printers might be willing to meet all the requirements of modern art, whether from the R.A. or the Advertisers' Association. Mr. Crowlesmith admitted there was room for the development of a higher ideal of art in the printing produced in Great Britain, but with the ready co-operation of typefounders, printing ink makers, advertisers and all concerned, the highest artistic ideals could be realised in the future.

Mr. B. Guy Harrison (L.M.P.A. vice-president) seconded the vote, remarking that the advertising agent was a creator of printing, and it was up to printer and advertising agent to work hand-in-glove in order to create the flood of printing in this country that was so urgently needed at the present time.

A hearty vote of thanks to Mr. Langley for his occupation of the chair, proposed by Mr. William Maxwell (president F.M.P.) terminated the proceedings.

Amongst those present were: Lt.-Col. R. F. Truscott, Messrs. A. J. Bonwick (president-elect of the Federation), E. C. and R. A. Austen-Leigh, A. Bonner (vice-president L.M.P.A.), J. J. Keliher, C. Dandridge, R. B. Simmet, Edward Unwin, Percy W. Ryde, W. J. Boyle, R. B. Fishenden, F. W. Goodenough, Mr. W. White, and many other well-known members of the L.M.P.A.

IT PAYS TO INVEST IN

STANDARD WHARFEDALES

There is no faster machine working
from flat formes, whether Two-Revo-
lution or Stop-Cylinder

START SAVING MONEY, TIME and TROUBLE NOW

FACTS YOU MUST KNOW

Every machine is complete with Geared Inkers, Geared Distribution, with connecting rider roller where there are three distributors. Steel Ink Knife, Apparatus for lifting the Inkers off the forme and for checking ink supply at same time as cylinder, which may be operated by hand or foot, Double Rolling Motion, Variable Ink Feed which is instantly adjusted, Mechanically-operated Front Lays, the impression cylinder grippers actually close on the sheet before the front gauges are moved, thereby securing perfect register, Micrometer Adjustment to both front and side gauges.

|| THE FRAMEWORK WILL BE FULLY DESCRIBED ||
|| IN OUR NEXT ADVERTISEMENT ||

DAWSON, PAYNE & ELLIOTT LTD.
OTLEY AND GLASGOW

Photo-Lithography

PAPER NEGATIVES AND REDUCERS

By CHARLES HARRAP

The increasing call for paper negatives since 1925 has encouraged photographic sensitive plate and film makers to embark upon this improved line of business.

IMPERIAL "99" PAPER

The paper of this name is produced by the Imperial Dry Plate Co. It is in very popular use and is therefore worthy of the careful attention of all in the printing crafts.

From what has been already said in this series of articles, it will have been seen that some negative papers have been prepared upon a non-transparent paper backing or support. The Imperial "99" is not on an opaque backing, and therefore does not require stripping. The backing used is pure unsized paper of such transparency that it does not require the application of oil or varnish to assist in obtaining photographic prints through it. The time of printing-down is, however, reduced if this is done.

The sensitive emulsion is similar to that of the same makers' latest process plates on glass, and gives so much density that it seldom requires intensification. It is very sensitive and should be manipulated in a dark room with a more subdued light than used for Bromide paper. It should be handled exactly as a plate would be. Owing to its extreme contrast it can be used in the camera with the F8 or F11 stop, and therefore with reduced time of exposure.

In addition, there is the orthochromatic paper, "Ortho 99," which can be used with a yellow filter, for photographing old, faded or yellow documents or books, or violet typescript.

Suitable lamps for exposure are half-watt arc or mercury vapour outfits.

The paper is obtainable in cut sheets of suitable sizes, or in long rolls up to 42 in. wide. Owing to the fine substance of the paper it is practically without grain, and does not destroy the sharpness of line work. This is more especially the case when using the "thin" negative paper; the "thick" negative paper may require smearing all over with a mixture of 1 part turpentine and 12 parts benzole to increase the transparency.

When it is really difficult to obtain a clear negative, because the copy is more or less discoloured by age and the subject itself is grey, it is necessary to use a deeper yellow filter; the pale yellow filter increases the exposure to double, and the deep yellow to four times. Should the copy be strongly of a purple or blue shade, it may be necessary to use an orange filter, and still further increase the exposure to about 6 or 8 times the normal exposure of the "Ortho 99."

The makers of these papers recommend that they be exposed in a dark slide having a perfectly even and clean plate-glass front. It may be added that the "glass" may be rock crystal, which may cost at least 2s. 6d. per square inch. Although expensive, it is the best transparent medium, and reduces the time of exposure. It is difficult to obtain in large sheets. Craftsmen of experience will no doubt find simpler methods of keeping the negative paper flat for exposure, but it must be remembered that every speck of dust on

the glass in front of the paper will cause a pinhole in the negative.

CHEMICAL TREATMENT

The development of the negative on the Imperial "99" paper is somewhat similar to that on other negative papers.

The recipe for the developer recommended by the makers is: Metol, 5 grammes; hydroquinone, 24 grammes; sodium sulphite (crystals), 180 grammes; sodium carbonate (crystals), 320 grammes; potassium bromide, 2.4 grammes; water up to 4,000 c.c.

An important point in development which is often overlooked is that the temperature of the developer must not be less than 16 deg. C. (61 deg. F.), and should be as near as possible to 18.3 deg. C. (65 deg. F.). This matter of temperature governs the whole manipulation through development, fixing and washing. Craftsmen who have failed to work paper negatives successfully may take it that it is largely due to want of attention to regulating the temperature of the operations.

The development of an Imperial "99" in the above developer at 18.3 deg. C. (65 deg. F.) is generally completed in about 2 minutes.

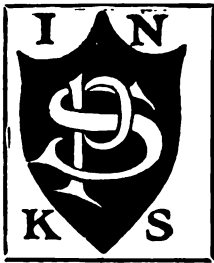
From the developer the negative is immersed in the fixing bath, which should be kept at a slightly lower temperature than that of the developer and slightly higher than that of the tap water. Always test the temperature of the tap water before starting development, especially in winter. Sudden changes of temperature between development and fixing often cause blisters, and a further quick change to washing tends to unnecessary contraction.

The fixing bath for negatives which do not require intensifying is made up of: Hyposulphite of sodium, 300 grammes; potassium metabisulphite, 50 grammes; water, 1,000 c.c. This bath must be kept at a temperature intermediate between the 18.3 deg. of the developer and the temperature of the tap water. Fixing is very rapid, and if pressed for time two minutes in a fresh bath will be sufficient, but where possible five minutes should be given.

If the negative after development requires to be intensified, the potassium metabisulphite must be left out of the fixing bath.

After fixing, the negative is well washed in plenty of running water for at least 30 minutes.

The drying of the negatives should be carried out with the object of keeping them flat and preventing any change in dimensions. The makers of the Imperial "99" state that the negatives, when properly treated as described above, do not alter in dimensions. The most practical way of drying, to prevent distortion, is to place the negatives face down on perfectly clean plate-glass, squeeze them gently with a squeegee to remove moisture. In three or four minutes peel them from the glass, and immerse them in industrial methylated spirit. Then lay them out on a flat surface to dry; do not hang them up by one or two corners. There are suitable drying appliances on the market, such as the rotary print drier. It may be



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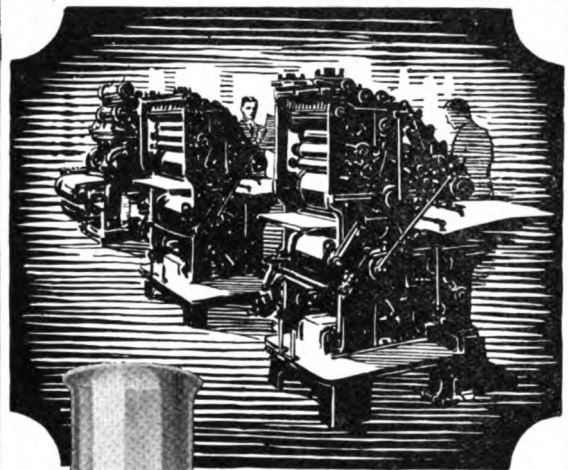
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noted that it is unnecessary to immerse these negatives in a hardening bath.

INTENSIFYING

Any good formula can be used, but the following is a good one: 1—Mercuric chloride, 30 grammes; water, 900 c.c.; 2—Potassium iodide, 90 grammes; water, 300 c.c.; 3—Sodium acetate, 75 grammes; hypo, 45 grammes; water, 600 c.c. Add No. 2 solution in small quantities, stirring vigorously, until all the precipitate which is first formed has re-dissolved. Then add No. 3.

The negative is immersed in this solution until the image has turned completely brown. The negative is then washed, which changes the colour to bright orange. It can be used in this state, or still greater intensification with a black image can be obtained by treating after washing, with a dilute solution of sodium sulphide, a few grains to the ounce. Again wash and dry.

REDUCING

For slight reduction prior to intensification, as is sometimes necessary when the copy is very poor, a ferricyanide hypo bath may be used, or preferably Smith's cuprammonius reducer. Smith's bath has the advantage that, when mixed, the solution keeps for several hours, and it also does not stain the paper and hence requires less washing.

Smith's reducer is as follows: A—Copper sulphate, 10 grammes; Sodium chloride, 10 grammes; Water, 250 grammes. When dissolved, add just sufficient .880 ammonia to dissolve the precipitate first formed. This gives a clear blue solution. B—Hypo, 50 grammes; Water, 250 c.c. For use, take equal parts of A and B. If very slight reduction only is required, dilute with one or more parts of water.

General reduction of a negative should not be attempted; it is better to make a new negative.

Paper negatives of this kind can be patched up on glacing paper for printing-down on large machine plates.

KODAK NEGATIVE PAPER

The "Kodaline" paper resembles other negative paper in its form and treatment. It is made in long rolls up to 300 feet, 40 in. wide. The developer used is similar to that of the Imperial "99," but varies in quantities. The actual composition is as follows: Metol, 5 grammes; hydroquinone, 24 grammes; sodium sulphite, 176 grammes; sodium carbonate, 320 grammes; potassium bromide, 2.4 grammes; water up to 4,000 c.c.

For development, the solution should be used at full strength, and should be kept at a temperature of about 18.3 deg. C. (65 deg. F.). The temperature should be maintained because of the quantity of hydroquinone in the mixture.

After development and a good wash, the negative is fixed in a sodium hyposulphite solution, as for Imperial "99." Finally, the negative is washed for at least thirty minutes in running water.

The conditions as to temperature already described for Imperial "99" are applicable to "Kodaline" negative paper. And the subsequent drying may be effected in similar ways. The makers of "Kodaline" recommend increasing the transparency of the negatives by smearing the back evenly with such a mixture as petrol 1 part to white oil 8 parts.

When necessary, the density of negatives may be reduced by immersion in the solution of sodium hyposulphite and potassium ferricyanide already described under Imperial "99." The makers of "Kodaline"

have introduced their "Peridak" process for local reduction and control of screen negatives on plates or films, in conjunction with the reducing mixture mentioned.

THE "PERIDAK" PROCESS

This process may be described as a carefully-worked-out system of applying the potassium ferricyanide and sodium hyposulphite reducing agent. A long series of experiments has been conducted with various quantities of these chemicals, various quantities of water added, and the tests made at a short range of ordinary studio temperatures. These results have been recorded in the form of charts, etc., and deductions have been made to formulate a working basis. Part of this research has been to determine the length of time each experimental variation of reducer takes to cease its action. This alone places in the hands of the photolithographer a most important detail in manipulation. It means that a craftsman can determine upon the amount of reduction to correct the negative, and can then use the correct concentration of the reducing mixture, knowing that it will be exhausted in a certain period and will have done no more nor less than it was required to do. In a limited sense it becomes an automatic method.

Wherever it is necessary to make local reductions, they can be done by applying a "varnish" known as "Peridak" paint to stop out all but the parts where the reduction is required. After reduction, the "varnish" is easily dissolved.

The method involves the making of negatives upon gelatine panchromatic process plates, and giving a long exposure to ensure the maximum deposit of silver in the dots.

The above epitome conveys the scope of this method, and it is unnecessary to enter into the actual experimental work recorded. The closely reasoned report of the research on the subject is printed in the *British Journal of Photography*, Feb. 28th, 1930. The method is the property of Kodak Ltd., and can be used on license by actual Kodak supply purchasers.

REDUCER FOR PLATES

THE "CHROMORECTA" PROCESS

This process was brought before the Trade by Messrs. George Mann and Co., Ltd., and at the Printing Trade Exhibition last year it was illustrated in the printing of a large sheet of colour subjects. The printing plates had been made from negatives which were obtained by the assistance of the "Chromorecta" treatment.

It is very seldom that a set of colour negatives produced through colour filters is actually correct. There are still some particulars in connection with the true lighting of the subject, the tones of the colour filters and the inks and papers used which still require further investigation before true colour photography can be accomplished. But, it is possible to minimise the defects by retouching the photo-plates, either by intensification or reduction, usually left in the hands of a skilled artist. It is in this connection that the "Chromorecta" process of camera manipulation and reducing agents is of importance for local reduction. In the process business the artists are not limited in their methods of obtaining negatives for colours. The "Chromorecta" method is one of the ways in which it can be done. The procedure is described in a lecture reported in this issue.

NOTES ON THE CHEMICALS USED

HOWARD FARMER'S REDUCER.—Potassium ferricyanide, 10 per cent. sol.; sodium hyposulphite crystals,

50 per cent.; water. Add a few drops of the potassium ferricyanide solution to a solution of the sodium hyposulphite, $\frac{1}{2}$ oz. in water 5 ozs. The mixture should be pale yellow (not orange), and should be used at once.

The common formula at present in use is: Potassium ferricyanide, 1 in water 10; sodium hyposulphite, 1 in water 10. Mix equal quantities of each at time of use.

FARMER'S REDUCER FOR SOFT EFFECTS.—When the ferricyanide is in excess, the shadows are attacked. Take the plate from the fixing bath ("hypo"), immerse it in dilute solution of citric or acetic acid; then place it in 5 per cent. solution of potassium ferricyanide, and examine until sufficiently reduced, and wash well. When the negative has already been washed and dried, it must be soaked for 10 minutes in 10 per cent. solution of acetic acid, followed by 10 minutes in "hypo" bath. Reduce in saturated solution of "hypo" 4 parts, and saturated solution of potassium ferricyanide 1 part, with drops of citric or acetic acid sufficient to show acidity by blue litmus turning red.

SMITH'S REDUCER.—(A) Copper sulphate, 10 grammes; sodium chloride, 10 grammes; water, 250 c.c. When dissolved, add liquor ammonia (.880) to dissolve the precipitate first formed, and resulting in a clear blue solution. (B) Sodium hyposulphite, 50 grammes; water, 250 c.c. For the reducer use equal quantities of A and B. It can be reduced by adding water to half strength for light reduction.

HYDROQUINONE is also known as Paradioxy-benzene, and Quinol— $H_4(OH)_2$. Introduced by Sir W. Abney in 1880 as a developer for gelatine dry plates. It produces good negatives, and with its tendency to give contrast it is useful in counteracting over-exposure.

METOL is the sulphate of methyl-para-amido-metacresol. It can be represented by the formula $C_6H_4O_2NS$, but its nature is better shown by the extended formula $C_6H_4CH_2OHNHCH_3SO_4$, which shows the presence of methyl, ammonia, and cresol sulphate. It is an active developer, giving detail and gradation. Since its introduction, about 1895, it has been used with hydroquinone, making one of the most popular developers.

SODIUM ACETATE— $NaC_2H_3O_2$.—Easily soluble, and generally used to reduce strong acidity, due to the presence of salts of the strong acids or free acids.

SODIUM CARBONATE—common washing soda— Na_2CO_3 . Being alkaline, it decomposes fats or oils. It is used to counteract acidity.

SODIUM HYPOSULPHITE—Sodium Thiosulphate, $Na_2S_2O_3$.—Used in photography to dissolve from the emulsion the silver salts which have not been acted on by light, and in bleaching processes, such as in papermaking, to neutralise the hydrochloric acid. It is in this connection that it is called "Antichlor." It is used with standard iodine to estimate oxidising or reducing agents.

SODIUM SULPHITE— Na_2SO_3 .—Being a salt formed by sulphurous acid, it reduces silver from its salts.

SODIUM CHLORIDE— $NaCl$ —is common table salt. It is nearly insoluble in methylated spirit. Although it is a salt of sodium, yet it shows the action of weak hydrochloric acid.

POTASSIUM FERRICYANIDE—red prussiate of potash— $K_3Fe(CN)_6$.—Soluble in water, and in solution is broken up by light, into the Ferrocyanide and a blue precipitate. It is an oxydising agent.

POTASSIUM IODIDE— KI .—Very soluble in water. Used in conjunction with salts of silver for making photographic emulsions. The alkaline iodides are sensitive to, or rendered active by, light. In the presence of silver nitrate they separate the nitric acid from the silver, which is then left as metallic silver or silver iodide, insoluble in sodium hyposulphite. The alkali released by the iodine "hardens" the emulsion around the silver. It is used with mercuric chloride as an intensifier.

MERCURIC CHLORIDE— $HgCl_2$.—corrosive sublimate. Bleaches the image in the sensitised film, after development. This grayness gradually whitens, and becomes less opaque. By treatment with liquor ammonia the whiteness becomes black with a further deposition of silver, hence it becomes more opaque and intensifies the image. In using mercuric chloride, it unites with the metallic silver to form the gray double salt of silver mercury chloride. In development and fixing, the only material left in the collodion or gelatine is metallic silver.

When an intensifier is made by using both mercuric chloride and potassium iodide, it converts the silver into a double salt of iodide of mercury and silver which is very opaque.

SULPHITES are the salts formed by sulphurous acid, H_2SO_3 , and are strong reducing agents. Hyposulphurous acid, H_2SO_2 , readily reduces silver and mercury from their salts. With potassium or sodium it forms hyposulphites, one of which is sodium hyposulphite. Ammonium persulphate, $(NH_4)_2S_2O_8$, is a strong reducer, even as low as 2 per cent. solution.

POTASSIUM METABISULPHITE is represented thus: $K_2S_2O_5$.

COPPER SULPHATE, $CuSO_4$, has an acid character.

[Errata: In *British and Colonial Printer and Stationer* of April 3rd, 1930, p. 325, 1st column, 2nd paragraph, for "ferrocyanide" read "ferricyanide"; in issue of May 30th, 1929, p. 790, centre column—"zinc"—8th paragraph, for "NOH" read "NaOH."]

Dot-Control in Photo-Lithography

By H. G. KELLETT

(Of George Mann and Co., Ltd.)*

The great possibilities of photo-litho offset have attracted the attention of lithographic firms, two of the important reasons being, (1) the speed of offset work, and (2) the cheaper paper on which good results can be obtained. There is no doubt that the success of lithography is bound up with photo-litho, which must certainly form a part of the equipment of every progressive firm.

It is really surprising how many firms are still adhering to the old-fashioned hand transferring methods, in spite of the fact that they must observe the beautiful work which is being turned out by firms using the photo-litho direct method—by which, of course, the preparation of the offset plate is greatly speeded up. Further, plates prepared by the direct method will print more easily and will outlast any transferred plate. Direct printing-down presents no difficulty, and a capable operator soon gets accustomed to it.

PHOTO-LITHO POSTERS

I recently visited a large printing works on the Continent and was interested to see how they produced most attractive posters by photo-litho. They had constructed a dark room, which room really constituted a camera, and a lens was inserted in the wall. They focussed on to a film negative and made the exposure. The maximum size of the poster is governed by the maximum size of the film which can be obtained.

It will be remembered that about the year 1905, the three-colour half-tone block process was still in its infancy, and even at that time it was said that that process had taken and would take much work away from lithography. There is no doubt that it did that, although all along it has been felt that the alliance of photography with lithography would eventually bring back to lithography much more than it ever lost. The special process which I am going to describe is, I think, the link that was missing, and my opinion is that the three-colour man will now have to look to his laurels. I believe that offset printers are realising now, more than ever, that they will certainly have to produce economically their own printing plates in their own establishments, as otherwise they cannot hope to compete in these days, when price is such an important factor.

There are many obvious disadvantages in having plates made outside, and now that first-class photo-litho apparatus can be obtained at far lower prices than was possible a few years ago, and that the new process simplifies the whole plate preparation procedure, there is no reason why printers should not produce all their own plates.

Offset colour printers have been striving for a long time to get results in photo-litho in four colours. I am not going to say that this has not been done, but it has not hitherto been done as economically or as effectively as the four-colour blockmaking process, in which one can etch and re-etch the metal until the desired result is obtained—which etching is, of course, the principal advantage of photo-engraving.

*In a lecture delivered at the April meeting of the Manchester Centre of the Printers', Managers' and Overseers' Association.

It has been lamented for a long time that the lack of such means is the greatest hindrance to lithography. Now the "Chromorecta" process entirely removes this hindrance and, as of course we cannot etch the metal in lithography, we do the next best thing and etch the screen positive—which etching reduces the size of the dots *at will*, without their going ragged, or impairing their printing density.

There have been so many new reproduction processes—some of them claiming to be revolutionary—put before the trade in recent years, that one is apt to be sceptical when anything new is put before one. For the most part, the processes which have been brought before printers recently have been found to be unworkable in practice. In consequence of this, it is a fact that at first there were few people who realised the great advantage of the dot process, which process means the correcting of tone values in a simple but certain manner.

We know that hitherto retouching has been the great "bogy" of photo-litho, and firms have paid, and are still paying, big wages to highly skilled retouchers, some of whom retouch on the glass side of the negative, or on the positive, according to the method they have been accustomed to. Even then, one never knows when a job is going to come from the retouching desk, and it often has to be sent back time after time, and, unlike the three-colour man, a litho-printer cannot tell a customer definitely when a proof will be submitted.

When I speak of "dot-reducing on a positive," many craftsmen will say that they can do this and have done it years ago. You will, no doubt, have heard of the "Sears" process, brought out about 25 years ago, which was the manipulation of the dots on a wet positive and intensifying the negative. Then there is Farmer's Reducer—details of which appeared in the Photographic Almanac 10 years ago. But no method has hitherto definitely and scientifically controlled the action of the reducing of the dot. When you hear someone say he can easily reduce dots on a positive, get him to do so, and take care to examine the dots through a glass both before he starts and when he has finished. I should be extremely surprised if you found the reduced dots perfect and without ragged edges.

THE "CHROMORECTA" PROCESS

The "Chromorecta" process was invented by Dr. Wilhelm Schupp and patented by him, and I want to emphasize that this process is something different, and although it is true that the reducing of the dots on the positive (making possible the finest high lights and deepest shadows) is an all-important part of the process, there is much more in it than this, and, further, what is most important, the "Chromorecta" method of reducing the size of the dot ensures *perfect* dots, however much they are reduced in size. The dots are attacked from the periphery, and the kernel of the dot remains as black and solid as it originally was. If you will examine, through the glass, the dots on a zinc plate prepared by the "Chromorecta" process, you will see how every dot is sharp and clean—even the smallest ones.

The underlying idea of the "Chromorecta" process is to formulate and standardise the making of colour-

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correct positives and negatives, so that the printing-down of the subject on metal plates by the usual photo-litho process becomes a straightforward operation, eliminating the need for any form of retouching on the plate, or for special manipulation of the plates and colours during printing. It employs dry plates or film throughout.

ORDINARY PLATE-MAKING METHODS

The function of the "Chromorecta" process will be made quite clear by briefly considering the procedure of plate-making by the ordinary photo-litho process.

The first step was to photograph the original through a screen and colour filters in the camera, whereby "half-tone colour negatives" for each of the three primary colours were obtained. Theoretically, it should be possible to make printing plates from these negatives, which would reproduce every tone and shade in the original. In practice this was not so, and therefore the next operation was that of colour-correction or retouching.

As I have already said, there are a great many different methods and processes of retouching and colour-correcting for photo-litho. The most direct method was to regulate the photograph of each subject in such a way as to obtain the correct degree of contrast or softness in each colour negative, and then, by intensifying, reducing and opaquing, obtain the tones required. Often this method was further extended to making a positive from the negative on which further retouching, etc., is carried out; and a final negative for printing-down to the zinc printing plate was made from the positive.

The ordinary procedure I have described suffers from the disadvantage that the amount of intensification and reduction on positives and negatives is strictly limited, and that the density of the negative suffers, so that a thin negative, i.e., one lacking density, will not print-down to metal correctly.

Another method is to transfer the original photo. to stone. The design on stone can be etched and worked up as desired, and then transferred to a metal printing plate. The disadvantage of this method is the difficulty of transferring fine designs from stone to a metal plate, and also that it is both slow and expensive.

COLOUR-CORRECTION

Lack of positive control of colour-correction is thus the reason that many subjects must be reproduced in as many as six to ten printings, so that by successive printing of various shades of the same colour, i.e., pink and red, light blue and dark blue, a correct rendering of the original may be built up.

Accurate colour-correction, on the other hand, would enable the retoucher to obtain in the screen the exact size of dot required to give various shades of colour on the same plate, and thus to reduce the number of printings. The "Chromorecta" process provides a simple and reliable method of colour correction which can be carried out to any required extent, always under full control of the operator.

In the "Chromorecta" process an ordinary continuous-tone negative is first made, which need not be retouched at all, even in difficult work. Next, a screen positive is made in the camera on an ordinary dry plate. The special feature of the screen positives made by this process is that by brushing on a reducing medium, the screen dots rapidly become smaller and smaller, until they finally disappear. They retain a sharp edge and perfect shape, and never lose in density or blackness, however far the reduction is carried. As soon as the desired tone—represented by a certain size of dot—is reached, the reduction can be stopped instantaneously.

Thus the litho artist is provided with simple means for retouching a photographic plate and obtaining the desired colour values in a manner exactly parallel to the etching of a typographic block. The photographed plates prepared by the "Chromorecta" process are used for printing-down to metal by the usual method.

NEARING COLOUR-PROCESS THEORY

Summarised, it may be said that the "Chromorecta" process brings the practice of photo-lithography nearer the fundamental theory of colour-process work than has been possible hitherto.

It was this process that created the sensation of the last Printing Exhibition at Olympia, and it is significant that since that Exhibition, more than ten firms in this country have taken up the process, and they are all highly satisfied. In fact, the more they get accustomed to the process, the more they like it. One important litho printer told me, after I had explained the idea of the process to him, that it was what he had been looking for all his life, and it was the key to success. Needless to say, he took up the process and is making great headway with it.

The process is thoroughly learned in a fortnight. The ideal men to receive the instruction are the litho artist and the photographer. Colour charts, formulae, etc., are supplied, and, in fact, the inventor has made sure that printers who acquire the process shall have everything cut and dried so that after a fortnight's tuition, they will be able to turn out work of the highest order.

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Lithographic Trade Review

Notes and News

UNFORTUNATELY the state of affairs in the lithographic branch of the industry appears to show no improvement. Indeed, things at the moment are not at all satisfactory, and a comparison with conditions a month and a year ago is apt to be discouraging. Moreover we do not find amongst lithographers any firm expectation of an early improvement in business.

* * *

It appears that the whole of the lithographic industry—not only in Great Britain, but all over the world—is passing through a very quiet period. The works manager of a well-known London firm of lithographic printers, speaking the other day to a representative of the *British and Colonial Printer*, said he thought it impossible to say at the moment what is responsible for this quietude, which is unusual for the time of year. As the spring months progress, trade prospects customarily grow bright, a fact which makes the present position all the more keenly felt amongst lithographers.

* * *

OFFSET lithography is still holding the field against all comers by reason of the large outputs economically obtainable by this process, and the good results on almost all papers, no matter how rough. What work is being done at the moment is largely in novelty show-cards for shop window advertising, etc.; and the attractive colours obtainable by offset lithography prob-

ably account for its popularity in this and other classes of work.

* * *

Mr. F. C. McELROY, of the Consolidated Lithographic Company of Canada, is paying a visit to England, accompanied by his wife and daughter, and is visiting a number of printing centres in the United Kingdom. Mr. McElroy is director of one of the most important lithographic firms in Canada, and one of the objects of his visit is to make inquiries as to the developments in the industry in this country.

* * *

THE lithographic industry of the United States—or rather that section of it comprising “manufacturing bank and commercial lithographers”—is the first branch of the graphic industries to decide to apply to the Federal Trade Commission for a Trade Practice Conference. The Trade Practice Conference affords a means through which representatives of an industry voluntarily assemble under auspices of the Commission for the purpose of considering unfair practices in their industry and collectively agreeing upon and providing for their abandonment in co-operation with, and with the support of, the Commission.

THERE are 99 printing offices in Latvia, occupying 2,113 workmen. Nearly all of them are in Riga, with an annual production valued at 9,723,000 lats, representing 75 per cent. of the total. There are two factories making printing inks, viz., the “Naco” and the “Jaunaskas Zinas.”

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Trade Notes

NORTHCLIFFE NEWSPAPERS, LTD., announce the following programme for the appearance of fresh foundations among the provincial evening Press: Cardiff, *South Wales Evening World*, Oct. 1st, 1930; Middlesbrough, *Tees-side Evening World*, Nov. 1st, 1930; Sheffield, *Sheffield Evening World*, Feb. 3rd, 1931; Hull, *Evening World*, March 1st, 1931; Birmingham, *Birmingham Evening World*, May 1st, 1931. They have also under consideration the production of journals of the *Evening World* type at Edinburgh, Preston, Leeds, Belfast, and Liverpool.

MESSRS. R. A. BARTLETT AND EARL, LTD., removed on Monday from Hythe Road, N.W., to much larger and more commodious factory premises and offices situated at Standen Road, Southfields, London, S.W.18 (Telephone: Putney 5378). In their new premises they will have the most modern and efficient printing ink plant for the manufacture of printing inks for every printing process. Also they will be acting as the selling agents for all grades of the well-known "Ideal" Rollers, and the International Press Cleaner for Lithographic Presses.

We learn from Messrs. Selectasine Patents, Ltd. (29-30, Shoe Lane, E.C.4) that one of the first full-size working models of their automatic, power-driven Selectasine Colour Printing Press has been shipped by their headquarters in San Francisco and will shortly be in the company's hands in London. The machine will at once be installed for demonstration in premises adjoining the firm's offices in Shoe Lane, and we understand that the company is desirous of getting into touch with London printers' engineers who would be willing to tender for its construction in this country.

THE Howard Hazell Scholarship Committee are meeting this week to complete arrangements for the reception of applications for the Hazell Scholarship. Entrance for this scholarship is open to sons of master printers who are members of the Federation; it is tenable at the London School of Printing from September 1st, 1930.

THERE will be some keen bidding when a large collection of old English sporting prints come under the hammer at Sotheby's rooms on May 6th. One of the most important lots is a set of Orme's "British Field Sports," 20 aquatints depicting racing, hunting and shooting scenes.

ARGUS PRESS HOLDINGS, LTD.—At the first annual meeting of the Argus Press Holdings, Limited, held in London on Monday, Sir Malcolm Fraser, Bt., G.B.E. (the chairman), who presided, said the company could congratulate itself upon the fact that the profits of the Argus Press, Limited, were not only better than the average figures given in the prospectus, but better than the highest figures shown. A general reserve had been created and a substantial dividend proposed (12½ per cent. on ordinary shares). The whole of the preliminary expenses had been written off in the first year of the company's existence. He mentioned that during the coming year approximately £40,000 will have been spent on new machinery and accommodation. The proprietors of the *Observer* had extended their contract with the Argus Press, Limited, until 1940. To obtain further accommodation, new works, across Blackfriars Bridge, formerly occupied by the *Daily Mail*, had been leased.

Newcastle Municipal Printing

Proposed Plant

At a meeting of Newcastle City Council on Wednesday last week, it was decided to appoint a committee to consider and report on the question of establishing a municipal printing department. Powers have been taken to delegate members to visit one or other of the towns where municipal printing is carried on, which, in effect, means a visit to Sheffield, the only town where a municipal printing plant is at present in operation.

Printers in Masonry

Alexandra Palace Chapter

The printing and allied trades were strongly represented at the Installation meeting of the Alexandra Palace Chapter, No. 1,541, on Saturday evening at the Café Monico. The principals installed were Messrs. W. A. McMurray, F. G. Buck, and W. L. B. Pitman, whilst among the officers invested were Messrs. W. A. Perkins, as Scribe E.; H. E. Tiley, as Scribe N.; Chas. F. Sach, P.Z., as Treasurer; and J. W. Wood, as 1st A.S.; and H. P. White, P.Z., L.C.R., as almoner. Others present included Messrs. T. W. George (P.Z. of the Strong Man Chapter) who was elected a joining member, G. F. Wilbraham (M.E.Z. of the Horus Chapter), R. L. Randall, and J. D. Hughes.

The Kingfisher Talks

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Country News

BRISTOL

THE South-Western Alliance of Master Printers is holding its annual meeting at Bristol on Monday next, when Mr. G. F. Jones and Mr. L. J. Cumner will present an interesting report on the recent series of meetings held throughout the area, and the programme which they are arranging for the immediate future.

CARDIFF

A MEETING of the Cardiff Joint Apprenticeship Committee was held on Thursday evening last, occupying the best part of three hours because of the length of the agenda. The committee was augmented by the presence of the teachers of the printing classes at the Cardiff Technical College and the discussions covered such items as the examination of the students attending the classes, the issuing of course certificates for those taking all the subjects laid down in the syllabus, the need for further equipment at the College, and the extension of the classes next session; other matters dealt with were the interviewing and examination of candidates wishing to take up posts as apprentices, their health, welfare, and training when once taken on, and the improvement of the trade generally. A report of the deliberations and actions of the National J.I.C. Apprenticeship Committee was received with great interest and much satisfaction.

MANCHESTER AND DERBY

THE annual meetings of the Midland Alliance of Master Printers and the Lancashire and Cheshire Alliance will take place at Manchester and Derby respectively on May 12th.

NORTHERN COUNTIES

THE North-Eastern and North-Western M.P. Alliances have arranged their annual meetings on May 7th and 8th, at both of which the president, the director and the secretary of the Federation, and the chairman of the Publicity and Selling Committee intend being present. The North-Eastern Alliance is meeting at Newcastle on May 7th, and the North-Western Alliance in the pleasant surroundings of the Lake District at Borrowdale on May 8th and 9th.

NORWICH

THE annual meeting of the East Anglian Alliance of Master Printers took place at Norwich yesterday (Wednesday), amongst those present being Mr. William Maxwell (president of the Federation). A topic of interest was the forthcoming visit of the re-grading sub-committee which will take place in East Anglia next month.

ST. AUSTELL

THE death has occurred, at his home at Trevarrick, of Mr. William Barnes Luke, printer, of 12, Fore Street, St. Austell. Mr. Luke was 66 years of age. The interment was attended by a representative gathering, following a service at St. Austell parish church.

SOUTH WALES

THE spring meeting of the South Wales Master Printers' Golfing Society has been fixed for Tuesday, May 20th, to be held on the championship course at Southerndown, Glamorgan. These beautiful seaside links should then be at their best, and it is expected that a very large number will be present. There are three massive challenge cups up for competition again, with runner-up prizes for each competition, with a competition for ladies as well. We are asked to state

that entries should be sent to the secretary of the Alliance without delay, and that reduced green-fees have been arranged.

Trade Union Matters

THE eighth annual National Council meeting of the Provincial Guild of Printers' Readers was held on Saturday in the board room of the A.C.P. offices, Farringdon Street, E.C.4, with the president (Mr. H. A. Glynn, Manchester) in the chair. Delegates were present from Tonbridge, Aylesbury, Norwich, Birmingham, Bristol, Manchester, Oxford and other provincial areas. The national secretary (Mr. W. E. Fursland, Tonbridge) read the annual report, which disclosed a substantial increase in membership. In view of the institution of examination tests for Guild members, the senior examiner (Mr. J. Stewart, Oxford) read a brief synopsis of the actual test, and it was agreed same be published in the next quarterly notice paper.

BEDFORD AND RE-GRADING.—The secretary of the Bedford branch of the Typographical Association recently informed the executive council that the members of that branch were of opinion that they should be placed in a higher grade for wage purposes than grade 5, the claim being based on the amount and quality of the work done in the town, mainly for London printing houses. The executive council, in reply, have notified the branch that no further claims for regrading can be considered at the present time.

PRINTING FEDERATION MEETING.—The executive council of the Typographical Association have appointed the president, the vice-president, and the secretary as delegates to the annual Administrative Council meeting of the Printing and Kindred Trades Federation, and have nominated Mr. C. W. Bowerman as president of the Federation, Mr. H. Skinner as vice-president, and Mr. J. D. French for the executive council. The meeting will be held at Cambridge on May 7th, 8th and 9th.

THE Letchworth Bench of Magistrates again considered the case in which Alfred Ernest Allen (55), Letchworth, until recently secretary of the local branch of the National Union of Printing, Bookbinding, and Paper Workers, was charged with forging a cheque for £1 17s. 2d., with making a false entry in an account at Letchworth, and with uttering a forged document with intent to defraud. At the previous Sessions a charge of embezzling £125 was withdrawn. In view of all they knew of Allen the Bench decided to treat the case with great leniency and place him on probation for two years, the conditions being that he made restitution of the sum of £25 and paid £20 towards the cost of the prosecution.

T.A.'s CONSTITUTION.—The Leeds branch of the Typographical Association, at the triennial delegate meeting of the Association at Blackpool next month, will propose important alterations in the constitution of the executive council. It is felt that the council is too large and correspondingly costly in its working, and the new proposal would reduce the number to ten, five to be elected by the Northern Area and five by the Southern Area, each area to contain at least one jobbing printer, one newsman, and one machineman. A resolution on similar lines has been forwarded from the Newcastle branch, who propose a council of eleven.

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Dividends and Reports

E. S. & A. ROBINSON. — Profits, £346,791 (against £336,058, including £29,534 received from a sale of rights). Final dividend on ordinary 11 per cent., making 16 per cent., as before; to reserves, £74,450; forward, £44,804, against £37,048. (In January last 400,000 6½ per cent. preference shares were issued).

MANSELL, HUNT, CATTY AND CO. — Profit, £8,906, against £9,699; final dividend, 6 per cent., making 10 per cent. for year (same); nil to reserve, against £1,000; forward £2,638, against £3,011.

New Companies

ROBERT ANDERSON AND SONS, LTD. — Capital £18,000, in £1 shares; to acquire the business and assets of Robert Anderson, printer and wholesale stationer, 142, West Nile-street, Glasgow, C.1. Private company. Directors: A. K. Anderson, D. Irvine, Catherine D. Anderson, Elizabeth K. Morrison and Robert D. Wilkie. Registered office: 142, West Nile-street, Glasgow.

KEMP HALL PRESS, LTD. — Capital £10,000, in £1 shares; to acquire the business of a printer and bookbinder now carried on by F. W. Fox at 33, St. Aldate's-street, Oxford, as "Fox, Jones and Co." Private company. Directors:

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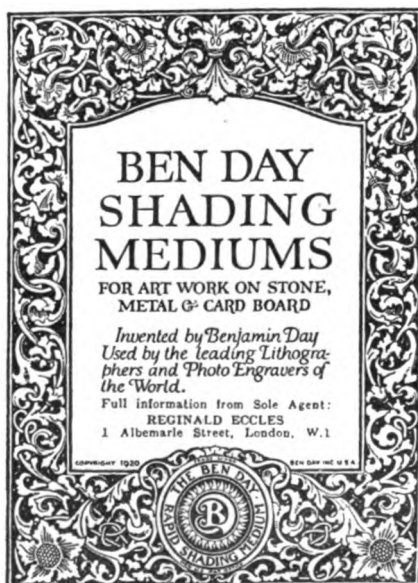
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THE FIRM for PRINTERS' METALS*London Representative:***GLEN STEEL****63 & 64, Chancery Lane, W.C.2****JUBB'S***Established 1859**Scottish Representative:***WM. GREIG****6, Greenbank Ave., Edinburgh****T. G. & J. JUBB LIMITED - - HUNSLET, LEEDS**

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Marbles—Graining Sand and
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Papers—Roller Skins, etc.**

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lane, S.E., dated March 31st, 1930, to secure £3,000. Holders: Barclays Bank, Ltd., and G. F. Wilkins, Markham House, King's-road, S.W.3; (b) land registry charge on above property, dated April 1st, 1930, to secure £2,400. Holders: A. S. Beattie, 200, Upper Kennington-lane, S.E.

P. J. PRINTING TRUST, LTD. (Coombelands, Addleston).—Satisfaction to the extent of £400 on January 18th, 1928, and to the extent of £3,850 on March 4th, 1930, of debentures authorised December 24th, 1900, securing £15,000.

GEORGE PALLISTER AND SONS, LTD. (printers, etc., 71, Albion-street, Leeds).—Particulars filed of £650 second debentures authorised October 29th, 1929, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being issued on April 10th, 1930.

ROBERT RIVIERE AND SON, LTD. (bookbinders, 29-33, Hoddon-street, W.1).—Issue on March 31st, 1930, of £150 debentures, part of a series already registered.

LINDLEY AND PETTITT, LTD. (printers, stationers, etc., Chorlton-upon-Medlock, Manchester).—Mortgage dated October 31st, 1924, charged on 53, Boundary-lane, etc., Chorlton-upon-Medlock, Manchester (property acquired January 14th, 1929), on which £1,000 was owing on November 1st, 1929. (Now registered pursuant to Section 91 of the Companies Act, 1929.) Mortgagees: Mrs. R. Ingle, 4, Main-avenue, Garden Village, Burnage, Manchester, and W. Ingle, 3, Montpelier-terrace, Edinburgh.

RAISTRICK AND CO., LTD. (printers, etc., 1, Leeds-road, Bradford).—Mortgage on properties in Leeds-road, Bradford, and land adjoining, etc., dated April 1st, 1930, to secure all moneys due or to become due from the company to Martins Bank, Ltd.

Receivers Appointed or Released

C. A. AND A. F. W. TOMKINS, LTD. (printers, stationers, etc., 40-42, Oxford-street, W.).—H. J. Herbert, of 40-42, Oxford-street, W., was appointed receiver and manager on April 4th, 1930, under powers contained in mortgage debenture dated October 11th, 1928.

WESTERN METROPOLITAN NEWSPAPERS (1928), LTD. (565, Fulham-road, S.W.6).—R. W. Simmons, corporate accountant, of 23, College-hill, Cannon-street, E.C., was appointed receiver and manager on April 10th, 1930, under powers contained in debentures dated July 22nd, 1929.

METROPOLITAN POSTER AND PUBLISHING CO., LTD.—A. C. D. Lane, certified accountant, of 56, West Green-road, Tottenham, was appointed receiver on April 3rd, 1930, under powers contained in debentures dated February 8th, 1929.

From the London Gazette

PARTNERSHIP DISSOLVED.—E. Sykes and A. T. Falconer, printers and manufacturing stationers, under the style of "Hanson," at 49, New Bailey-street, Salford.

THE BANKRUPTCY ACTS, 1914 AND 1926, RECEIVING ORDER.—J. Wehl, 1, Ornan Mansions, Ornan-road, Hampstead, advertising agent.

PRINTERS' PENSION ELECTION.—The voting for pensions in connection with the Printers' Pension Corporation took place on Saturday at the Connaught Rooms, the gathering being decidedly larger than for many years past. An enormous number of votes were cast, and the final scrutiny will be made on Saturday at the annual meeting, over which Lord Ebbisham will preside.

PREPAID ADVERTISEMENTS

The Minimum Charges for Three Lines, with an average of eight words to the line, for Advertisements under the headings given below are as follows (extra lines at proportionate rates):—

	Three Lines	
	s.	d.
Situations Wanted	1	6
Situations Vacant	3	0

The following are the rates for Advertisements classified as under:—

	Per Line	
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Replies may be addressed to Box Numbers. Offices of this journal for which a fee of 6d. is charged to cover postage of replies.

Annual Subscription (post free) 17s. 6d.

Cheques and Post Office Orders to be crossed and made payable to STONHILL & GILLIS, Ltd., 58, Shoe Lane, London, E.C.4

Telegrams: STONHILL, LUD, LONDON Telephone: 2439 HOLBORN

SITUATIONS VACANT

MACHINE ROOM OVERSEER.—Firm of provincial Letterpress and Colour Printers requires man as Press Room Manager; good position is offered to energetic man of first class personal character and practical knowledge, fully able to take control; age not over 40.—Applications (which will be treated confidentially), stating age, experience, qualifications and salary should be addressed to Box 15448.

SITUATIONS WANTED

MACHINE MINDER, served apprenticeship, needs further experience; would work as improver; wages 60s.; London vicinity.—Write N., 161, Trentham-street, Southfields; S.W.18. 15450

MACHINE MINDER requires SITUATION; Three-Colour, Half-Tone, Bookwork, Jobbing; experienced two revs. Babcock, Wharfedales, Platens.—Mr. Goodman, 15, Princes Road, Lowestoft, Suffolk. 15445

THE Printers' Provident Association, 21, Charterhouse-street, Holborn-circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades, at short notice. No charge. Phone, Holborn 0527. 14695

BUSINESSES FOR SALE

PRINTER and STATIONER'S BUSINESS, established 100 years, Essex town; central position, fine shop, spacious dwelling house, separate well equipped printing office; turnover about £5,000 per annum; easily increased; price for goodwill, fixtures and equipment with lease £2,000; freehold can be bought.—Woodcock and Son, Ipswich. 15449

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NUMBERING MACHINES, Hand and Forme; half-price; new.—Marston, 69, Wightman Road, London, N.4. 15442

MISCELLANEOUS

OLD-ESTABLISHED New York Merchant will arrive in London shortly; desires to meet manufacturers who wish to sell to the United States; first-class New York and London references; novelties preferred.—Z. G. 808, c/o Deacon's, Fenchurch Avenue, London. 15447

TENDERS

METROPOLITAN BOROUGH OF FINSBURY.

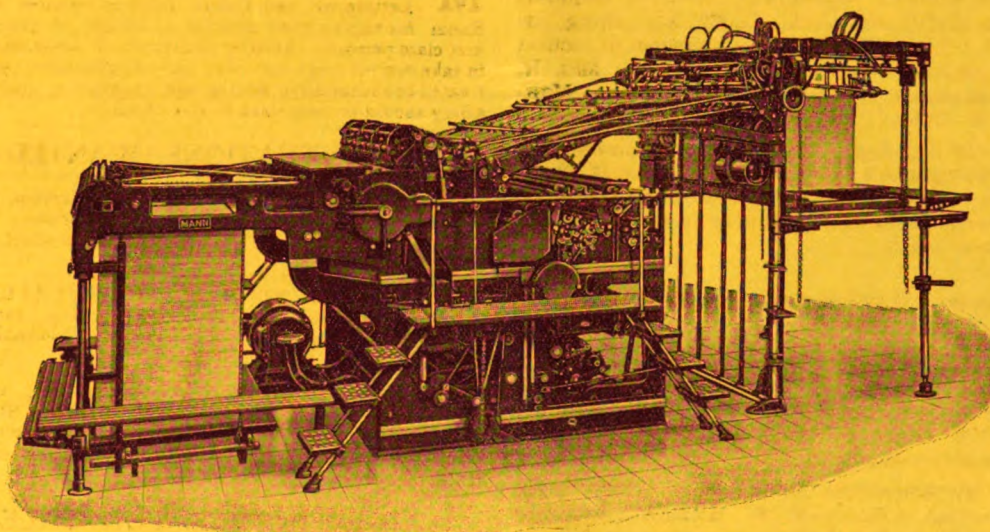
THE Public Libraries Committee of the Metropolitan Borough of Finsbury invite Tenders for Bookbinding from London firms specialising in Public Library bookbinding. Period of Contract, twelve months from 1st July, 1930. Tenders to be delivered by Saturday, 10th May, on official forms to be obtained from The Borough Librarian, Public Library, Skinner St. E.C.1.

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The Most Modern Rotary Offset Machines
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Two-Colour and Perfecting Rotary Offset Machine with "Dexter" Pile Feeder.

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Also at Adelaide, Brisbane, and Perth

South Africa: W. H. SMITH & Co., 148, St. George's St., Capetown. India: GEORGE MANN & Co. (India) Ltd., 14, Clive St. Calcutta

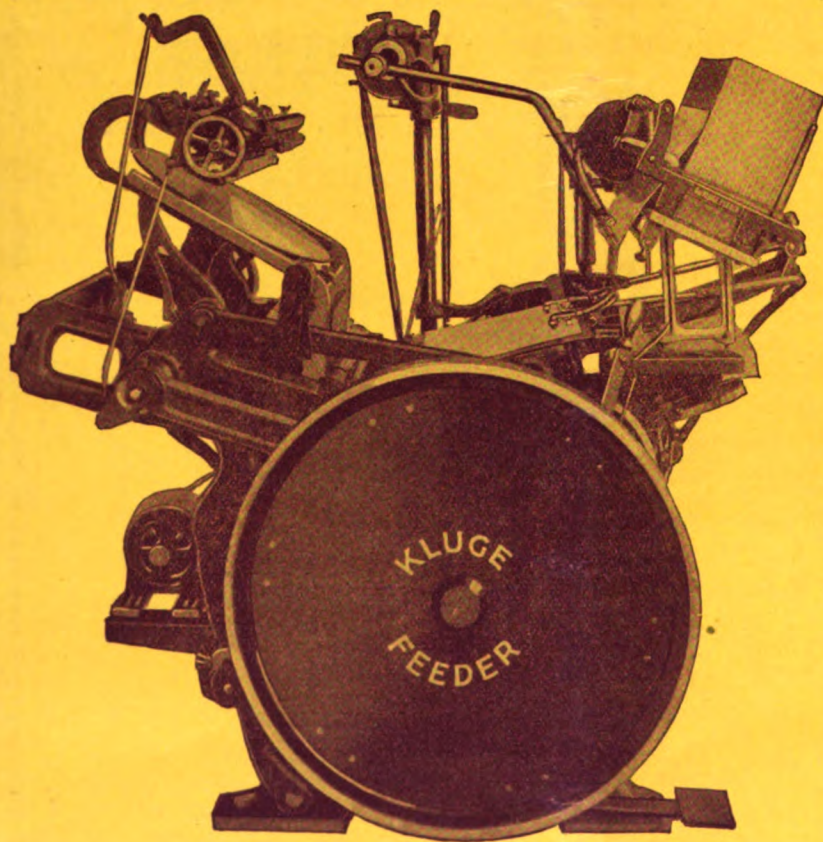
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The ideal Platen combining maximum output with ability to handle all classes of work with utmost simplicity. Suitable for long and short runs, guaranteed register and ability to print any job to full inside chase capacity.

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The Kluge Automatic Feeder has been specially designed and built for the C.&P. Platen and is worthy of the Machine. Different from other machines, the C.&P. with Kluge retains all important mechanical and technical features, particularly the long impression dwell and the wide platen opening, thus ensuring maximum output, and not merely speed. The Kluge Feeder enables a full size sheet to be fed and will handle a wide variety of stock including envelopes, bags, cards, thin papers, and book covers for imprinting. This speedy and efficient Automatic Platen is specially worthy of your attention and investigation.

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"**MONOTYPE**" IS A WORD WHICH
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MAY 23 1930

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 80

LONDON: MAY 8, 1930

EVERY THURSDAY
PRICE THREEPENCE

THE HOME OF MODERN BRITISH BLOCKMAKING

THE capacious Printer Street Headquarters of the House of Nickeloid contain a Block-making Organization second to none. A modern composing room for advertisement settings, process-engraving and photogravure departments occupying a complete building of four floors and a basement, electrotyping and stereotyping foundries equipped to accommodate large rushes of orders—this did not quite meet the full needs of NICKELOID, so a branch foundry and efficient photographic studio have just been added at St. Marks Road, E. 8.

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CROWN WORKS,
TOTTENHAM,
LONDON, N.15

"Fryotype" Printing Metals

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IN PRINTERS'
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1800**

Come to us for

Oilcans, Loco Oilcans, Palette Knives, Push Knives, Roached Fibre & Long Grey Fibre Lye Brushes, Grey Fibre and Black Bristle Pick Brushes, Facing Paste Brushes, and variety of other sundries needed in the printing house.

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15 & 16, THAVES INN, HOLBORN CIRCUS
LONDON, E.C.1



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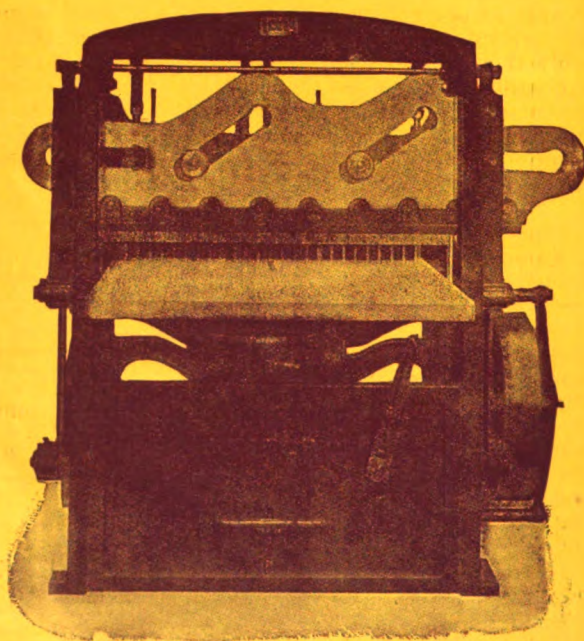
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VICTORY-KIDDER
PRINTING MACHINE
COMPANY, LTD.

The British & Colonial Printer And Stationer

FOUNDED 1878 — PUBLISHED WEEKLY

VOLUME 106
NEW SERIES No. 80

LONDON : MAY 8, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THERE is nothing fresh to be said about the condition of trade, and nothing to be gained by continually dwelling upon depression. What keeps uppermost in our own mind is the conviction that there is just so much less business about when things are bad than there is when trade is good. Some of us take it easy, because there's not much to go after; and some of us put forward an extra effort, for the same reason. Certainly, there is a great deal more of hard work needed to keep up returns when there are fewer orders about, but there is the satisfaction of knowing that the probability of picking up business is increased by the attention of so many who hold it to be wasted time making calls.

"Do printers take their own medicine?" is a question we might ask at this juncture. They are prone to advise that when business is slack, advertising appropriations should be increased. There does not appear to be any unusual demonstration of advertising activity among printers just at present. It might be argued that there never has been, and it would be difficult to gainsay such an argument. The only people in our line who do less advertising (for themselves) than printers are the advertising agencies, but in one way or another they evidently get sufficient publicity for their purpose. Printers could secure a great deal of free publicity if they made more use of their imprint, always

supposing they saw to it that the printed matter carrying the imprint would stand the test of scrutiny.

Most printers will have received the first two pieces of publicity or sampling issued by the Association of Coated Paper Makers as part of their collective scheme of national publicity. Not many printers will need convincing that coated papers are the best for most purposes where half-tone and type is the medium of expression. Given his choice, the ordinary letterpress printer would desire nothing other than art paper to print on. It is the easiest surface to work with, and it gives the most brilliant results under any circumstances—that is, brilliant in comparison with results on other papers. Great skill is called for in printing

illustration, on imitation art, super-calendered or M.F. printings, if first-class reproduction is to be achieved, whereas with very ordinary methods and much less time a passable effect is obtained on coated paper. The difficulty is to convince users that it is worth the extra cost to obtain a better-looking job.

WHEN printers do buy coated papers, they should in their own interest as well as from the broader point of view, see to it that the paper they buy is of British make. The best way to do this is to know the mill that makes the paper, whether they send their order to the mill direct or to the wholesale merchant. There are brand names which identify

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paper with its maker, and these branded papers are the most reliable because the mill's reputation is bound up with the product. It must be observed that there are branded papers of foreign origin, hence the desirability of knowing the source. Merchants have nothing to lose by taking their customers into confidence, except when papers with a very homely name prove to have a Continental origin. So far as coated papers are concerned, we import a considerable tonnage, which could be lessened to the advantage of home mills with the co-operation of printers.

Dinner to Mr. J. Culmer

The publishing and warehouse staffs of the *Daily Chronicle* gave a dinner on Saturday to Mr. J. Culmer at Anderton's Hotel, Fleet Street. Mr. A. Edwards (chairman of the warehouse chapel), who presided over a large gathering including representatives of every department of the *Daily Chronicle*, made a presentation to Mr. Culmer of a solid silver salver. In returning thanks for the gift, Mr. Culmer—who had spent forty-two years of his life with the *Chronicle*, including thirty-two as the publisher—remarked that his heart was still with the *Daily Chronicle*, and that his separation from that paper was a great wrench. However, he was quite happy in his new position. Appreciative references to the life and work of Mr. Culmer were made by Mr. Percy Rudd (sports editor) and Mr. A. Pegley (Mr. Culmer's assistant for twenty years).

Bookbinders' Golfing Society

At Moor Park Golf Club last Thursday, the Bookbinders Golfing Society had a very successful meeting. Players were favoured by a perfect spring day with continuous brilliant sunshine and a crisp, cool wind. The course was in very good condition (the High Course was played on), and the meeting was the usual pleasurable function.

The results were as follows:—

MERCER CHALLENGE CUP (Morning).—Winner, K. P. Letts, 88—12=76; second (tie), S. R. Calkin, 90—18=81, and A. J. Kitcat, 96—15=81.

NINE SECRET HOLES SWEEP.—Winner, A. J. Kitcat, 48—7½=40½; second (tie), K. P. Letts, 47—6=41, and S. R. Calkin, 50—9=41.

BOGEY COMPETITION (Afternoon).—Winner, A. J. Kitcat, 1 up; second (tie), A. E. Calkin, 2 down, and K. P. Letts, 2 down.

LAST NINE HOLES.—Winner, A. E. Calkin, 1 up; second, H. V. Letts, 1 down.

LLOYD MEMORIAL HOME.—The annual report for 1929 of the Lloyd Memorial (Caxton) Seaside Home, Deal, reflects the useful work this institution is carrying on for those engaged in the printing and allied trades. Besides the presentation of a number of satisfactory balance-sheets, the report bears evidence of the extension of the work of the Home in the provision of four flats to be used for retired printers. The total number of persons admitted to the Home during the year was 3,757, making a total of 36,703 since its opening in 1911. Mr. H. F. Parker, for whose valued work as secretary the committee expressed thanks, will be pleased to furnish particulars regarding the Home.

Personalia

MR. E. HENRY DENNIS, the well-known Scarborough master printer, has been nominated by the Council of the Federation of Master Printers of Great Britain as vice-chairman of the Joint Industrial Council for the Printing Trade, and he will be formally elected at the annual meeting of the Council on July 3rd.

MR. DAVID GREENHILL, director and general manager of the Sun Engraving Co., Ltd., has, on account of ill-health, had to leave England for a cruise in the Mediterranean, from which he expects to return about the end of June. His many friends in the trade will join us in wishing Mr. Greenhill a speedy and complete recovery.

MR. A. W. DUNCAN, governing director of Messrs. A. W. Duncan and Co., printers and publishers, of Concert Street, Liverpool, has been elected president of the Liverpool and District Master Printers' and Allied Trades Association.

MR. GEO. W. JONES has accepted an invitation from the London Master Printers' Association to be the guest of the Association at its twenty-eighth annual dinner, which has been arranged for Wednesday, May 21st, at the Connaught Rooms.

MR. G. M. MANDER, M.P., of the firm of Mander Bros., the well-known printing ink manufacturers, was one of the speakers at the recent annual dinner of the Oil and Colour Chemists' Association in London.

MR. GEO. BELL, of the Winterbottom Book Cloth Co., Ltd., and Mr. W. W. Borrett, manager of the Blackfriars Press, Ltd., were amongst the company which assembled in London recently under the auspices of the *British Russian Gazette and Trade Outlook*, which seeks to promote business relations between this country and Russia.

MR. LEONARD JAY, head of the Birmingham School of Printing, has received from the editor of the *American Printer* a letter stating: "The specimens of the work I have seen of your school are right up with, if not better than, the best produced in this country."

MR. SAMUEL WALTERS, J.P., has retired from the position of works foreman at the printing and publishing works of the *Mansfield Reporter* company, where he has been employed for 66 years. Mr. Walters commenced work in 1864 as errand boy to Mr. William Cooke Langley, founder of the paper.

MR. ROBERT SCRIPPS (director of the United Press of America and proprietor of the Scripps Newspapers), Mr. Stuart Perry (vice-chairman of the Associated Press of America and editor-proprietor of the *Daily Telegram*, Adrian, Michigan), and Mr. Clark Howell (editor of the *Constitution*, Atlanta, Georgia), have been invited to this country to be the guests of the British Committee of Newspaper Fellowships in Memory of Walter Hines Page.

THE visitors are here from May 3rd to May 22nd, and the object of their visit is to make personal contacts with leaders of British thought and opinion.

MISS FLORENCE WHITEHEAD, M.A., Lecturer in Classics, Sheffield University, eldest daughter of Mr. Thos. L. Whitehead, managing director of the *Bury Times Co., Ltd.*, and the Radcliffe Printing Co., Ltd., was recently married at Liverpool to Dr. Humphrey H. Gleave, M.B.Ch.B., M.R.C.P., Senior Lecturer in Pathology at the University, Liverpool, and late of Sheffield University.

L&M SERVICE means far more than the usual supply of spare parts, etc.

It includes— Regular free inspection and advice

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Expert opinion when you need it

In addition there is Service built into every machine manufactured by Linotype & Machinery Limited—a Service with which every visitor to the Company's Works at Cheshire is familiar

The Late Col. D. P. Forman

Distinguished Printer Killed

The printing industry in general, and more particularly the Federation of Master Printers, will keenly feel the loss of Lieut.-Col. Dudley P. Forman, who, as reported in last week's *British and Colonial Printer*, met with a fatal accident while riding his horse on Wednesday last week.

Born in May, 1887, the only son of Mr. and Mrs. James Forman of Nottingham, Lieut.-Col. Forman was educated at Rugby and Cambridge. He was History Scholar at Caius College and took first class in both first and second parts of the History Tripos.

On leaving the University he joined the family firm of Messrs. Thos. Forman and Sons, as it was then constituted, and which then embraced the *Nottingham Guardian* and allied papers.

At the dissolution of the partnership, which led to the separation of the newspapers from the colour printing, Col. Forman became associated with his father, Mr. James Forman, in the ownership of the colour-printing business. Recently this business was transformed into a private company, and Col. Forman was appointed governing director.

During the Great War, Lieut.-Col. Forman rendered distinguished service, and upon demobilisation continued to command the Notts Section of the Royal Corps of Signals.

SERVICE TO THE INDUSTRY

Col. Forman's great interest in the printing industry is shown by the number of offices which he held with distinction in master printers' organisations. He filled the position of president of the Midland Alliance of the Federation of Master Printers in 1926, was chairman of the committee of the Nottingham Master Printers' Association, chairman of the Joint Industrial Council of the Printing Trade, and was last year vice-president of the Nottingham Master Printers' Association. He was to have been nominated by the Council of the Federation for the position of vice-president on the national body at the forthcoming meeting at Edinburgh. He was also at the time of his death, vice-chairman of the Contracts and Legislation Committee.

At the offices of the Federation of Master Printers, a representative of the *British and Colonial Printer* was informed that the news of Col. Forman's death has been received with much sorrow. He was so keenly interested in Federation affairs and such a well-informed member of the industry that it will be difficult to fill the vacancy caused by his death. As vice-chairman of the Contracts and Legislation Committee, he had made a special study of the Factory Bill, and had also mastered the details of the new Hours Regulation Bill which is an important measure in the next session. Col. Forman was also an active member of the Labour Committee, and on the Monday prior to the accident had attended a meeting at the Federation headquarters of a special litho sub-committee of which he was the chairman. On the Costing Committee his keen analytical mind was of great service, and he had arranged to give a paper on "Depreciation," which would certainly have aroused great interest and discussion. It is understood that the paper is to be printed and circulated at the Cost Congress in Edinburgh, and that it will be suggested that the method laid down by Col. Forman be published as an alternative to the

one contained in the Federation standard book on the subject which is about to be reprinted.

So far, no steps have been taken to deal with the vacancy in the vice-presidency of the Federation caused by Col. Forman's death, but there will probably be a special council meeting at Edinburgh to deal with the emergency.

NOTTINGHAM'S LOSS

In the City of Nottingham, where he had actively identified himself with municipal affairs, Col. Forman's death will also be deeply felt. Two years ago he was placed on the Commission of the Peace for the City. He was also a member of the Council of the Nottingham Chamber of Commerce, and of the Monthly Board and Finance Committee of the General Hospital, and a member of the King's Roll Committee.

In 1920 he married a daughter of the late Dr. John Mackie, of Nottingham.

The funeral took place on Saturday, when besides the chief mourners there were present practically all the printers of Nottingham, as well as a large deputation from the works. The Federation was represented by Mr. William Maxwell (president), and Captain William L. Bemrose represented the Midland Alliance.

Camden Town Printers' Philanthropic Society

The annual concert at the Stanley Hall, Tufnell Park, organised in connection with this Society (which is one of the auxiliaries of the Printers' Pension, Almshouse, and Orphan Asylum Corporation) was held on the evening of April 29th, when a large audience showed keen appreciation of an excellent programme. Unfortunately the president (Mr. H. C. Bolton) was prevented by illness from being in the chair, but an admirable substitute was found in his son, Mr. Kenneth Bolton, whose first appearance it was in a position of this character.

In proposing a vote of thanks to the chairman, Mr. W. A. Perkins (a member of the Council of the Printers' Pension Corporation, and a past president of the Auxiliary) expressed on behalf of those present keen regret at the cause of the absence of Mr. H. C. Bolton and the earnest hope that he would soon recover. Their president, he said, had given great services to the cause which their Society existed to promote, and it was a pleasure to find that in Mr. Kenneth Bolton they had a young gentleman with the ability and desire to maintain the traditions established by his father.

The motion was seconded in eloquent terms by the Rt. Hon. C. W. Bowerman, M.P., who commented on the wonderful work they were able to do on behalf of aged printers and their widows through the efforts of auxiliary officers, backed as they were by gentlemen of the calibre of Mr. H. C. Bolton.

The motion was carried with much enthusiasm, and was acknowledged in suitable terms by Mr. Kenneth Bolton.

Mr. Bolton's list of subscriptions to the fund was again a very substantial one, to which were added contributions secured from his friends by Mr. Perkins, together bringing the results of the concert to over £100.

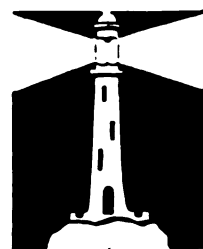
The arrangements for the concert were in the hands of a committee of which Mr. Geleit was chairman and Mr. H. Smith the efficient hon. sec.

Mr. Jack Wakeham was musical director.

Machinery & Supplies for Printers & Stereotypers

TWO "LICO" PRODUCTS

for the
PRESS ROOM



THE HOUSE OF
LIGHT

Light's "Everwear" Press Rubbers "Light-Auto" Re-pressed Felts *for* NEWSPAPER PRESSES

LIGHT'S - EVERWEAR

OIL AND INK-PROOF

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**Impression Rubbers Obtainable
and are specially made for each
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"EVERWEAR" does Better Work because
it is an improvement on all other Rubbers.

"EVERWEAR" does not BLISTER or SWELL, but
retains consistent thickness through-
out, always giving an even impression

"LIGHT-AUTO" RE-PRESSED FELTS ARE THE BEST

BRITISH MADE BLANKETS

"LIGHT-AUTO" is guaranteed to give full
service, and tympani are quite unnecessary.

The blanket surface being non-absorbent, less
ink is required and better results are obtain-
ed, as there is no offset; the last prints being
as clean as the first, no matter whether the
edition is 1,000 or 100,000.

The new improved finish is a great
success — "Light-Auto" is now the
standard at which all competitors aim.

BE GUIDED BY

THE HOUSE OF LIGHT

MANUFACTURERS and SPECIALISTS,

WILLIAM J. LIGHT & CO., LTD.

36-38, Whitefriars St., Fleet St., London, E.C.4

TELEPHONE: CENTRAL 3839.

TELEGRAMS: "WINKOLIGHT FLEET LONDON."

Please say you saw the Advertisement in BRITISH AND COLONIAL PRINTER AND STATIONER

Country News

BIRMINGHAM

FURTHER details are now available regarding the proposed school of printing in Frederick Street, Birmingham, to be erected by the Birmingham Education Committee of the City Council. The building, in four storeys, is estimated to cost £22,000 (plus £2,500 for furniture and fittings), and will accommodate 120 students. The basement will be occupied by a gymnasium and canteen and it is proposed to utilise the three upper floors for a comprehensive series of classrooms, staff-rooms, etc., with a roof playground on top.

GLOUCESTER

THE first conference under the auspices of Gloucestershire District Committee of the Joint Industrial Council of the Printing Trade was held last week at Suffolk House, Gloucester and was well attended. Mr. E. J. Burrow (chairman) presided and he was supported by Mr. Nice (vice-chairman), Mr. L. J. Cumner (assistant secretary Master Printers Federation), Mr. W. Stone, the chairman, Bristol District Committee (J.I.C.), Mr. G. F. Jones (secretary of the Bristol District Committee, J.I.C.) and the joint local secretaries: Messrs. A. R. Sparrow and G. H. Bland. Mr. L. J. Cumner dealt fully with the function of the J.I.C., and Mr. Stone spoke of his experience of his committee's work in Bristol. Mr. G. F. Jones paid tribute to those who were responsible for the formation of the Printing Trade J.I.C., which was the first to be formed and the most efficient. An interesting discussion followed.

NORTH WALES

MR. JOHN ELLIS, of Llanidloes, has been elected president of the North Wales Master Printers' Alliance, in succession to Mr. Fewster. Mr. Trevor Jones, of Wrexham, has been re-elected vice-president, Mr. Rowland Smith, Wrexham, treasurer, and Mr. Alfred Smith secretary.

NORWICH

IN 1920, the Norwich Public Libraries Committee and the Norwich and District Master Printers' Association agreed to a scheme of co-operation, and in the following year was published a catalogue of books on printing and related subjects in the Norwich Public Library (price 1s.). Since that time numerous additions have been made to the collection of books on printing, etc., in the libraries, and the City Librarian has compiled a supplementary catalogue which has just been published jointly by the Norwich Public Libraries Committee and the Norwich and District Master Printers' Association, price 6d. (post free 6½d.). This catalogue, consisting of 20 pages, is uniform in all respects with the original catalogue, and shows that the library is well stocked with the more important books on printing and allied subjects, which have been published since the appearance of the earlier catalogue. Upwards of 150 books are included. Wherever necessary, annotations have been added to the entries, indicating briefly the scope and contents of the books.

SHEFFIELD

MR. CHARLES JAMES PATTINSON, printer, principal of the Don Press, Sheffield, was fined £5, including costs, at the Barnsley West Riding Police Court, for publishing coupons for ready-money betting. It was stated that the coupon was the usual type of football coupon, which set out football teams and the odds.

Master Printers in the West of England

A successful series of meetings has just been concluded in the area of the South-Western Alliance of Master Printers. The order in which they occurred and the towns in which they took place were:—Herefordshire Association, at Hereford; Cheltenham Association, at Cheltenham; Gloucestershire Association, at Gloucester; Somerset Association, at Taunton; South and East Devon Association, at Exeter; and North Devon and North Cornwall Association, at Barnstaple. In each case it was the annual meeting of the Association, when the annual statements of accounts were presented and passed and the officers and the representatives to the Alliance elected for the year. The speakers of the meetings included Mr. E. O. Twitcher (president of the South-Western Alliance), Mr. J. Cheney (hon. treasurer), Mr. H. H. Potts (Hastings), Mr. L. J. Cumner (assistant secretary of the Federation), and Mr. G. F. Jones (Alliance secretary).

In the course of his observations, Mr. Twitcher said he found that the difficulties of master printers were pretty much the same everywhere, but he thought enough attention was not paid by them to their own influence and personality. For many years he had set his face against price-cutting; if his price was right, he stuck to it. On the question of installing new machinery, the guiding principle was to be sure of the work to keep such machinery running before ordering it; otherwise its presence only created price-cutting and grabbing for work. During his two years of office as president of the Alliance he had endeavoured to sow the seeds of vocational service, and he hoped that his efforts had borne some little fruit.

Mr. Cheney pointed out the advantages of associations having occasional meetings and dealing with some topic of technical or trade interest. They had had a number of such meetings in the Oxford and District Association and found them extremely helpful.

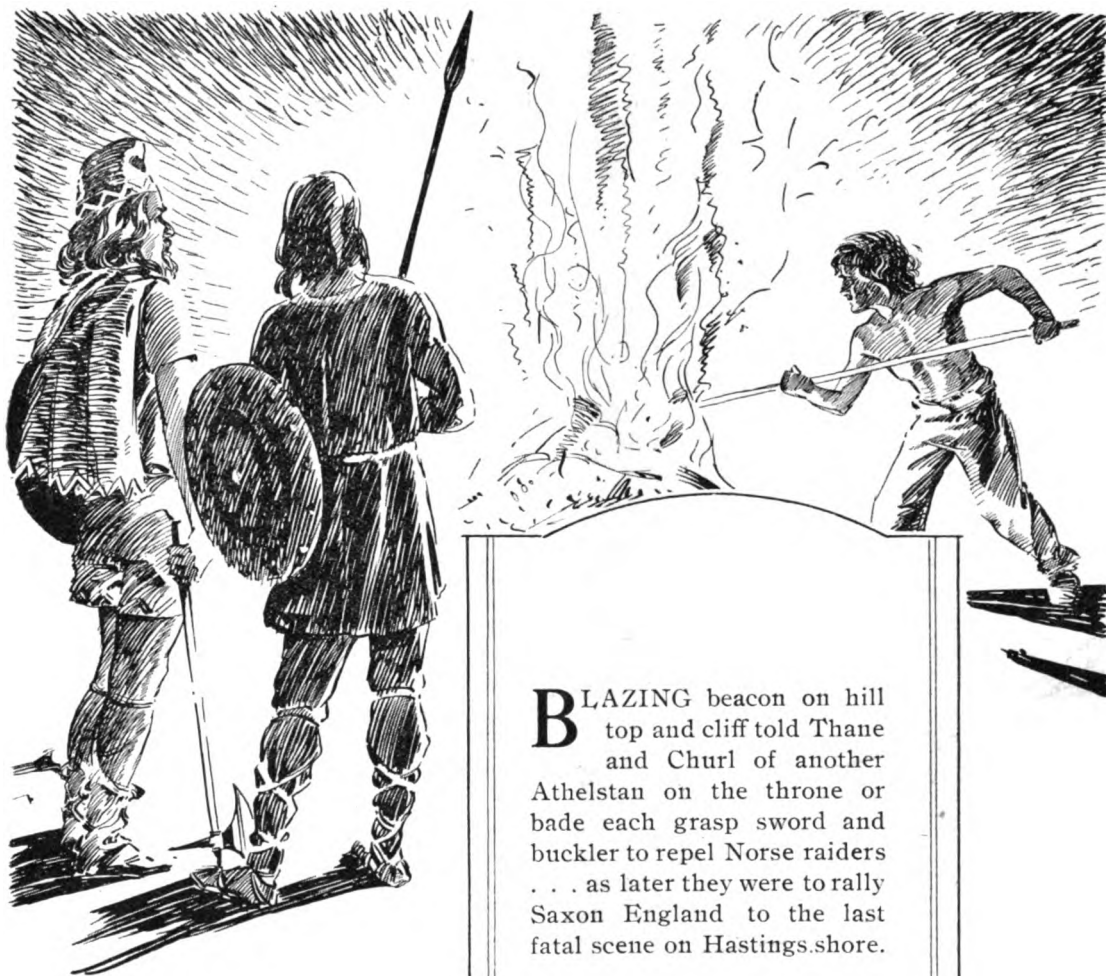
Mr. Potts based his remarks upon the Federation Costing System, refuting the common idea that it was difficult to work. He had started the system himself in his own small office in 1913. The necessity of it should be obvious to every man from the first moment he started business.

Mr. L. J. Cumner greatly interested his hearers as he recounted the numerous and varied activities of the Federation, the extent of which was a surprise to some of those who listened to him.

Great praise is due to the various officers of the different associations for the complete arrangements made for the meetings, the company in each case, with one exception, also taking tea together, thus promoting that spirit of friendliness which is so valuable.

MESSRS. H. W. CASLON AND CO., LTD., send us a handsomely-produced brochure which they have produced to exemplify their new "Metropolis" family of publicity type-faces. Whilst certain individual characteristics of this face recall this or that successful modernist advertising type, the general effect of the "Metropolis" is yet distinctively individual. Manufactured in four varieties—Metropolis Light, Metropolis Bold, Metropolis Shaded, and Metropolis Titling—this new face is capable of a wide variety of pleasing effects, indications of which are given by sample settings.

TELLING THE WORLD THROUGH THE AGES



No. 3 THE SAXONS

Downright, phlegmatic folk our Saxon fore-fathers — the virile leaven of the mixture that to-day makes up the British race.

BLAZING beacon on hill top and cliff told Thane and Churl of another Athelstan on the throne or bade each grasp sword and buckler to repel Norse raiders . . . as later they were to rally Saxon England to the last fatal scene on Hastings shore.

The call to-day is made through a more potent medium — the printed word, well printed to convey its message by clear, bold definition, with Winstone's Inks.

B. WINSTONE & SONS, LTD.

100-101, SHOE LANE, LONDON, E.C.4

Please say you saw the Advertisement in *BRITISH AND COLONIAL PRINTER AND STATIONER*

Trade Notes

OF unusual interest amongst auctions offering opportunities to the printing and allied trades is that announced on another page in respect of "Wheatstear Works," 4, Carmelite Street—in the heart of London's printerdom. Printers, printers' suppliers and the like show a natural tendency to plant themselves as near as possible to this centre, and such an opportunity of acquiring extensive premises is sure to command eager attention.

THE new Canadian Budget proposals include reductions under all tariffs in the duties on a wide range of printing machinery and equipment, free entry being conceded under the British Preferential Tariff.

PRINTING and stationery sundries and hardware lines, also printing material and plant for government tenders are goods for which a manufacturers' agent in Cape Town desires to secure the representation of manufacturers. (Ref. No. 348, Department of Overseas Trade.)

THE annual dinner of the L.M.P.A., on May 21st, at the Connaught Rooms—at which, as mentioned on a previous page, Mr. Geo. W. Jones is to be the guest of the evening—is open to all interested, and tickets (17s. 6d. each) may be had on application to Mr. W. Whyte, L.M.P.A., 7 to 10, Old Bailey, E.C.4.

THE Home Counties Master Printers' Alliance is to hold its annual luncheon at the Florence Restaurant, Rupert Street, Piccadilly, on Wednesday, May 14th, when Mr. William Maxwell (president of the Federation of Master Printers), Mr. A. J. Bonwick (vice-president, F.M.P.), Mr. Alfred Langley (president, L.M.P.A.), and Mr. A. E. Goodwin (director, F.M.P.), will be amongst the guests. The Alliance annual meeting will follow the luncheon.

A MODEL of the proposed memorial to Lord Northcliffe was on Sunday placed on the site the finished design is to occupy on the front of St. Dunstan's Church, Fleet Street, E.C.

THE LATE MR. T. TIMBERLAKE.—A lifelike portrait of the late Mr. T. Timberlake (for many years chairman of the London Society of Compositors) was unveiled on Saturday afternoon in the Board Room of the Society by the present chairman (Mr. R. W. Couchman) in the presence of members and the staff. Tributes to the valuable work of Mr. Timberlake were paid by Mr. Couchman, Mr. T. E. Naylor, M.P., Mr. C. W. Bowerman, M.P., and Mr. F. A. Davies. The portrait was presented to the Society by the widow and family of the late Mr. Timberlake, whose two sons—both members of the Society—were present at the unveiling ceremony.

THE Readers' Pensions Committee desire to thank all those friends who enabled them to secure life pensions for all their ten candidates in the recent Printers' Pension Corporation election: Mr. Wright, £30; Mrs. Lewis and Mrs. Mattocks, each £26; Mr. Hayward, Mr. Mathewson, Mrs. Omarini, Mrs. Parsons, Mrs. Partington, Mr. Tripp, and Mrs. F. W. Tucker, each £20.

A REMARKABLE poster is sent us by the Lanston Monotype Corporation, Ltd. It exemplifies Gill Sans Serif Titling Series, No. 231, and makes a noteworthy piece of typographic poster design. This forceful modern advertising face is shown in sizes from 6 point to 72 point—as cast on the Monotype Super-Caster—and this interesting display sheet will suggest its applicability for a variety of purposes.

Trade Union Matters

THE Executive of the London Society of Compositors is submitting to a ballot of its members a recommendation to grant £1,000 to the Trades Union Congress Wool Dispute Fund.

L.S.C. UNEMPLOYMENT.—Members of the London Society of Compositors signing the out-of-work book on April 26th numbered 320, which was a big figure compared with the 102 recorded on the same day of the preceding year, but showing an improvement on two years ago, when the number stood at 475. As will be seen from the following comparisons the records for recent weeks are unfortunately not so favourable as those for the corresponding weeks of last year. Figures for recent weeks were as follows, those for last year being given in parenthesis:—April 26th, 320 (102); April 19th, 292 (51); April 12th, 183 (74); April 5th, 165 (102); March 29th, 175 (63).

L.S.C. OVERTIME.—The number of hours of overtime worked by members of the London Society of Compositors in March represented 119,272, of which 100,721 hours were worked by those engaged in the general trade and 18,551 in the news department. The former section required the services of 6,451 men and the latter 1,430.

Lino. Slugs Automatically Cut

New Time-Saving Device

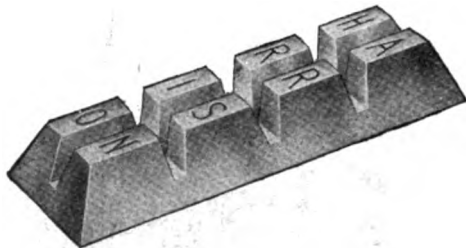
The old adage that time saved is money gained is doubly true in the world of print to-day, where speed is an essential factor of production. Great interest accordingly attaches to the Mohr Lino-Saw, a new invention for automatically cutting slugs on the Linotype and Intertype, which has been introduced by Messrs. Funditor Ltd., the well-known makers of the Electro Funditor electric metal-pot heater.

Inconvenience and delay are familiar accompaniments of broken-measure work; even when a large number of hand saws is available, the demand always seems to exceed the supply, and much time is wasted in waiting for saws, which might otherwise be utilised in making-up formes, etc. By means of the Mohr Lino-saw this waste of time is eliminated.

The device consists principally of a framework holding the saw and a dial with micrometer readings. It is fitted to the Linotype or Intertype machine and is driven by a flexible shaft from a gear-box in the rear of the machine. As each slug is ejected, it passes through the rapidly-moving saw-blade and is severed at the place desired. Whatever length the operator wants the line, he simply sets the dial accordingly, and the slug drops to its place in the galley, cut at the correct position. The waste piece is carried away automatically. The dial is connected with the Lino-saw components in the vice-cap, and on the face plate of the typesetting machine; by means of setting the dial, therefore, the vice-jaw and assembler are set to the same measure as the saw blade.

It is claimed by Messrs. Funditor that the Mohr Lino-saw greatly simplifies the production of broken-measure work, being especially useful for magazines, booklets, catalogues, etc., where illustrations are plentiful. It is the only machine of its kind in the world and in view of its qualifications, should meet with a good reception from the progressive printer.

E. J. HARRISON.
FOR FINEST



PRINTING METALS

TELEPHONE:
BERMONDSEY
2447-8.

FOUNDRY

TELEGRAMS:
DESTROYING
KENT
LONDON

MALT STREET, LONDON, S.E.1.



[We are Agents in the United Kingdom for the Howard Smith Mills of Montreal, makers of fine Cover Papers, Bond Papers, Text Papers, etc., etc. Send for ranges.]

For

**GUMMED &
COATED PAPERS**

Including

*Noncurling Gummed Papers,
Arts, Chromos, Enamels,
Surfaces, Covers, Gummed
Tapes, Stay Paper, Fancy
Papers, Art Boards, Chromo
Boards, Etc. Etc. Etc.*

SAMUEL JONES & CO., LTD., BRIDEWELL PLACE, LONDON, E.C.4

MILLS: Camberwell, Surrey.
Tillmoult, Scotland.

TELE Grams: Noncurling, Lud, London.
Phone: City 9407 (8 lines)

Does the Printer Help the Advertiser?

By W. BUCHANAN-TAYLOR

(Advertising and Publicity Manager, Messrs. J. Lyons and Co., Ltd.)*

When I give an order for printing I try to get from the printer-representative a rough idea of when a proof will be available. If it is a simple straightforward job, the answer is invariably "Oh, to-morrow." Then I know I shall get it the day after that. If I give the order on Monday and the printer says "Wednesday," I can depend upon a proof on Thursday. If, in a moment of weakness or enthusiasm, he says "to-morrow morning," I know it will be to-morrow evening. Consequently, I always ask for the impossible, realising that if he does the barely possible, it is as much as one can expect. As Carlyle might have said, "Well, you know what printers are."

To the query, "Does the printer help the advertiser?" my first reaction is to suggest that the printer can, and frequently does, help the advertiser. At the same time, the advertiser helps the printer, whether the printer deserves it or not. The advertiser has no option.

The printed word has not, I fear, made much advance in point of artistry in the last fifty years. Men like William Morris, concerns like the Oxford University Press, and a few other individuals, have tried their best to maintain the great heritage left to us by such craftsmen as Baptista de Tortis, Hagenau Stephanus, Aldus Manutius, Jacobus Scon, Alexander Paganini, Isengrin, Michael Vascosanus, Froben and Episcopus, Peter Keschelt of Cologne, Roviere of Geneva, Bonaventura, the Plantin Press of Antwerp, Estienne la Tour, of the Continentals; John Kyngston and Henry Sutton, Thomas Marshe, Henry Middleton, Robert Barker (the King's Printer in 1612), Adam Islip, the famous Roycroft, Tonson, William Caslon, Thomas Astley, Horace Walpole, John Baskerville, J. Ballantyne, Pickering and Whittingham, the British masters. I have in my possession original examples of the work of all these pioneers of the press, and I prize them highly.

KING PRINTER AND BARON ADVERTISER

There exists between the printer and the advertiser an unwritten alliance—a kind of Magna Charta—between the Royalty of printing and the Barons of advertising. You will recall that this keystone of English liberty fixed the principle that the King must keep the law. In our case, the printer is undoubtedly King, and we expect him to be not alone lawful, but to observe his obligations, to impose no extraordinary taxation without consent, to abide by the clause that admits of no delay of justice; to remember the one standard of weights and measures. You will recall also that the Charter was signed at Runnymede, which makes the analogy more positive than ever. It consisted of a preamble, and sixty-three clauses, so one must assume that it was conceived very definitely in the interest of printing—there was such a lot of it.

I believe that printers have a sense of obligation. I believe they are proud of their craft. I believe they are conscious of the Charter, and, if we except those of the calling who are without pride, I would say that printers, and master printers in particular, are not merely ornamental to the industrial scheme, but definitely and progressively utilitarian.

*In an address last week at luncheon of London Master Printers Association.

The obligation to the advertiser is perhaps the most important consideration, since the men who induce advertising are constantly in a state of restless and provocative urge. They want more advertising, and they have insatiable maws—they'll eat up any kind of advertising fodder. Not all printers lie awake at night thinking of new inducements and new business. Many



MR. W. BUCHANAN-TAYLOR

just sit around till it comes to them—on the theory, no doubt, that "they also serve who only stand and wait." Thus, while most advertising men are scouring around for themselves, they are frequently scouring around for the printer as well.

PRINTERS' TRAVELLERS

Let me give you a rough idea of what was happening until quite recently. In 1924, when I joined J. Lyons and Co., I was almost pulled out of my skin by printers' travellers. In three months I saw dozens of them. They had seen it announced or heard it discussed that a new man was in charge of Lyons' advertising. So they bearded me in my den—not in single spies, but in veritable battalions. The usual greeting I got—following the presentation of a pretentious card—was, "Anything for me to-day?"

"In what way?" I trained myself to ask.

"Oh, printing of any kind," came the inevitable response.

David Carlaw & Sons, Ltd

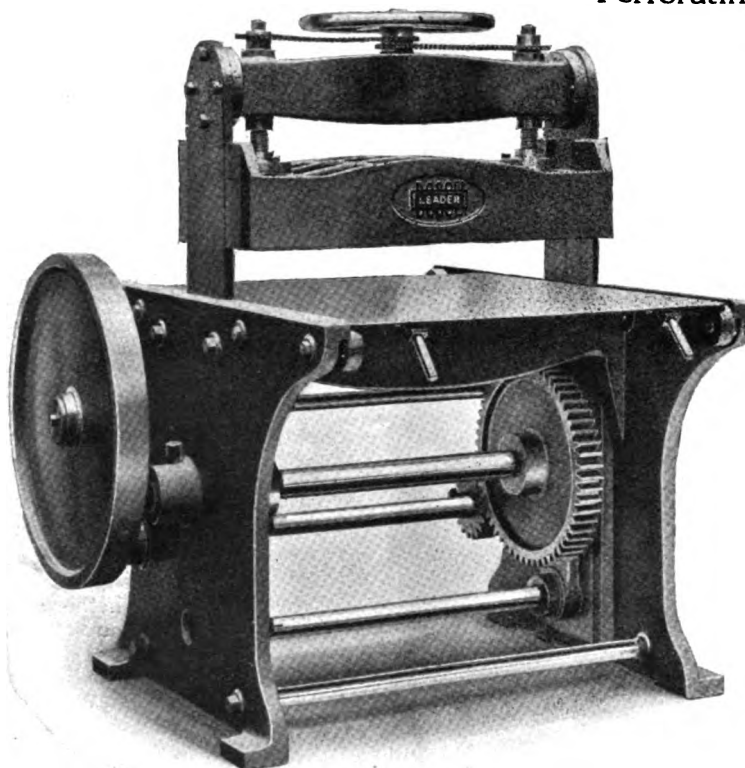
31, Finnieston Street, Glasgow, C.3

Specialise in ALL BRITISH MANUFACTURE Labour-Saving Machines for the Stationery Trade

Envelope Folding & Gumming Machines
 Window Envelope Machines
 Window Cutting Presses
 Envelope Blank Cutting Machines
 Embossing Presses
 Paging Machines
 Perforating Machines

*Simple in design
and operation*

*Machine
Cut Gears*



*Strongly
Constructed
with
Ample Bearing
Surfaces*

The "LEADER" ENVELOPE BLANK CUTTING MACHINE

:: SPECIFICATION ::

Size of Platen	36" x 16"		Dia. of Belt Pulley	15"
Stroke of Platen	2½"		Face of Belt Pulley	3"
Space Occupied	4' 6" x 5' 2"		Revs. Per Min	270

WE ALSO SUPPLY CUTTERS FOR ALL PURPOSES

London Representatives:—Dawson Payne & Lockett, Ltd., Dean St., Fetter Lane, E.C.4

"Can you show me some examples of your firm's work?" I would say encouragingly.

"Oh, I didn't think you'd want to see specimens, but I'll get the head office to send you some, if you like."

That usually ended the interview, though sometimes I received the specimens.

Another man would say, "I didn't think you'd want anything from us because you have your own printing works, but I thought I'd just make the call." To that kind of unthinking individual I had one thing only to say, "There are many kinds of printing and very few printers who can do all kinds of printing." As a fact, I use at least a dozen different classes of printing, and I try to use the printers who are particularly good in one class, just as I use several different photographers and artists for the varying grades and character of work demanded.

TYPE-BOUND PRINTERS

Then I discovered that certain printers had not added to their founts for many years. They were the people I described as type-bound. They gave one no chance of variety, and some of them were so definitely allied to the Victorian notion of type that when it was pointed out that the Americans were introducing new types, the Germans designing new faces, the French reviving old ones, the stick-in-the-mud printer would reply, "Well, we like the types we have, we have used them for many years without complaint, and we don't think you can do better."

Because I couldn't get the kind of coloured paper I wanted in England, I several times had to send to France for it. In many cases I have used American paper because I couldn't get what I wanted in England. "We'll make it specially for you," the papermaker said, "but it will take six weeks to deliver."

It was this want of endeavour and the sickly satisfaction with *things as they are* that held this country back. Printers have broken through the lethargy; papermakers have wakened up; so I am not nearly so depressed as I was a few years ago.

The advertiser, like the public he is working to impress, demands something new, and it is to the printer he looks, as a rule, for inspiration. The printer of the last decade was neither inspired nor inspiring.

Four years ago, I sought for my staff a young man with the chief qualifications of a typographical knowledge. I asked printers, I advertised in the trade papers, I sent out kites of all kinds, but I could not find one. I interviewed several young men who had been recommended to me, and when I put Stephenson Blake's Book of Printing Types in their hands they nearly fainted.

ART AS WELL AS HEART

One of the most pleasing developments in the trade during the last ten years has been the increasing numbers of what I would call "printers with a mission." I refer to the men who have set out to put art as well as heart into their work. Another development which has pleased and helped the advertiser is the establishment of typesetting houses, firms which specialise, not only in providing the advertiser with new display types, but in many cases providing interesting lay-outs and suggestions.

Not a great many people in advertising know anything about type, and fewer still possess the ability to instruct a printer precisely as to what is required, apart, perhaps, from some such suggestion as "Well, you know what I want; something a little different and classy—good style, you know."

What happens after that is very much on the knees of the gods, unless the master printer himself brings

his personal influence and knowledge to bear. The display typesetting houses have therefore filled a very important niche.

The printer can help the advertiser in many more ways than he is doing at present. The competition with printing which has come into the advertisement field in the last few years should have created a much greater stir than it has. Electric signs; glass, wood and metal lettering; photographic and lighting announcements, painted hoardings and signs, even sky-writing and cinematographic publicity—all may be counted as competitors with the printed word. The wider use of the black-and-white pictorials in newspaper advertisements was partly due to the apathetic and frequently stodgy attitude of the printer towards his own greater interest and his heritage.

The printer can show a keener interest in the many facets of advertising which come within his scope. He must be more progressive and less content with what he is and what he has.

IMPORTANCE OF GOOD PRINTING.

Good printing is the best advertisement in the world; bad printing is the worst.

I have heard it contended in debate that bad, commonplace and cheap printing has accomplished, in some cases, what first-class printing could not do. It may be true that in selling a very cheap and common article of commerce fancy and elaborate printing would be wasted, but I am one who believes that even a common article can be sold by clean-cut and pleasant type, and that it can sell a still cheaper article equally well. I go further—I believe that cheerful, well-displayed, clear type and careful printing can be of service to any commodity, no matter how cheap that commodity may be. I believe that the simplest piece of printing, attractively turned out, can flatter the article which it sets out to sell, to the best interests of the merchant.

PRINTER'S AID NEEDED.

In note-headings, pamphlets, throwaways, catalogues, time-tables, there is still much to be done by the printer on behalf of the advertiser. The advertiser needs the printer's aid, and, unless I am greatly mistaken, the printer can supply these aids.

I have been sorry on several occasions in observing the attitude of certain well-established printing firms towards what they are pleased to describe as new-fangled ideas. Foreigners have been busy in the printing trades, and, whether you agree with their ideas of progress or not, you will have to admit that the introduction and wide uses made of German faces and American adaptations and elaborations have focussed new interest on display printing and typography generally. There are still a number of eminent printers who object strongly to Cooper Black, Neuland, Koch, Cable and Tiemann, who have only just been converted to Bodoni, and who, while they quote Goudy, Cheltenham, Garamond and Caslon with pride, are still possessed of but a faint appreciation of the very useful and charming Runnymede and Westminster.

The printer does help the advertiser—but not nearly enough.

INDIAN TARIFF CHANGES.—Under changes announced in the Indian Tariff (Amendment) Act, 1930, provisions made under Item No. 18c. (articles entering free of duty) have been extended to include the following: Process blocks and highly polished copper or zinc sheets specially prepared for making process blocks, lithographic nap rollers, paper in rolls with side perforations to be used after further perforation for type-casting, and clarified liquid glue.

THE FIRM FOR PRINTERS' METALS

London Representative :

GLEN STEEL

63 & 64, Chancery Lane, W.C.2

JUBB'S

Scottish Representative :

WM. GREIG

6, Greenbank Ave., Edinburgh

ESTABLISHED 1859

T. G. & J. JUBB LIMITED

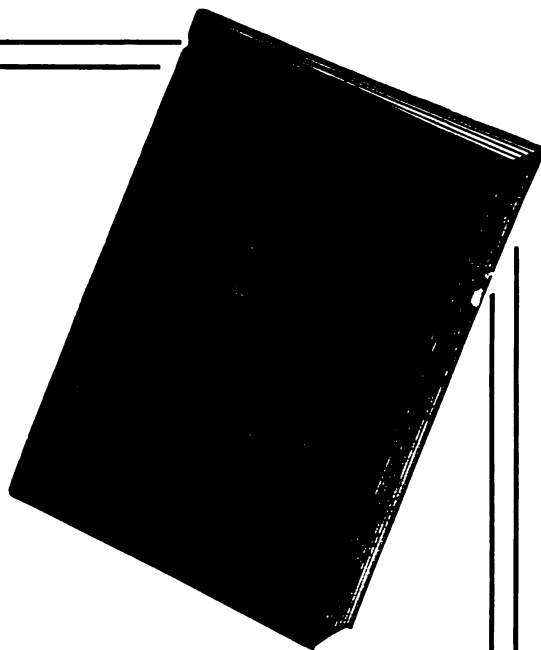
Telegrams : Metals, Leeds

HUNSLET, LEEDS

Telephone : 25620

***More Profit to you
Better Envelopes for your
Customers !***

Good envelopes mean good business. The purpose of this book is to make envelope sales easier for you. It contains the prices and qualities of over 700 stock lines. May we send you a copy—
FREE ?



THORBURN, BAIN & CO., LTD.

The Broadwall Envelope Factory, Stamford Street, LONDON, S.E.

Central London Master Printers

Annual Meeting and Visit of Federation President

Members of the London Central Districts Master Printers' Association were honoured by the presence of Mr. William Maxwell (Federation President) who, after their annual meeting on Tuesday, last week, gave an inspiring address, touching many aspects of the industry.

Mr. Percy W. Ryde (president, Central Districts M.P.A.) presided, and those present included Mr. Alfred Langley (president, London Master Printers' Association), Mr. W. Whyte (secretary, L.M.P.A.), Mr. R. A. Austen-Leigh, Lieut.-Col. B. L. Hooper, Lieut.-Col. R. F. Truscott, Mr. Edward Unwin, Mr. J. Crowlesmith, J.P., Mr. B. Guy Harrison, Mr. W. J. Boyle (secretary, Central Districts Association), Mr. W. R. Cummins (president, North London M.P.A.), Mr. W. J. Mizen (secretary, North London M.P.A.), Mr. S. N. Heron (president, West and North-West Association), Mr. Fred A. Chivers (hon. secretary, South-West Association), Mr. A. Spring (South-West Association), Mr. T. D. Hawkins (hon. secretary, East and North-East Association), and many others.

In opening his address, Mr. Maxwell emphasised the pleasure he felt in being invited to attend and address a meeting of the London Central Districts M.P.A., and said the Federation Council fully recognised the onerous conditions under which members of that district were often obliged to carry on their business.

THE WASHINGTON CONVENTION

Proceeding to speak of the Washington Convention, Mr. Maxwell said they were hopeful that there would be a measure of elasticity sufficient to get over the difficulties which were bound to crop up in that somewhat restrictive measure. So far as the Federation were concerned, every possible effort was being made to see that the Bill was elastic enough to allow the printing industry to be carried on efficiently and with a measure of profit.

Concerning harmony in the industry, Mr. Maxwell said: "I think that we in the printing industry ought to be proud that in no other trade in the country are relations between employer and employed so satisfactory. . . . I feel exceedingly proud that we can pay the highest wages of any industry and can yet carry on."

TRAINING OF APPRENTICES

Mr. Maxwell paid a great compliment to the work of London in respect of the apprenticeship question, when he said: "I am exceedingly glad, particularly because I am an exponent of the need for apprenticeship selection and training, to congratulate London on the progress it has made in this respect."

He referred to the arrangement at the London School of Arts and Crafts, whereby apprentices to the trade were definitely earmarked for employers who looked for their services on the completion of their school training. Excellent work, he added, was being done by the London School of Printing, and the fame of Mr. J. R. Riddell, its principal, was world-wide.

"In Edinburgh, which leads the way in Scotland," said Mr. Maxwell, "we have established a system by which no apprentice can get into any branch of the trade without first having passed a medical examination, educational examination, and psychological test." In this way it was hoped to secure for the printing trade of the future employees of the highest efficiency, thus making non-existent the man who was in any way unemployable.

After a reference to the Easter tour of Belgium under the auspices of the Home Counties Master Printers' Alliance, Mr. Maxwell went on to refer eulogistically to those present at that evening's meeting, mentioning by name Mr. Edward Unwin, Mr. J. J. Keliher, Mr. G. P. Reveirs, Mr. R. A. Austen-Leigh, Lieut.-Col. R. F. Truscott, Mr. Percy W. Ryde, Mr. B. Guy Harrison, Lieut.-Col. B. L. Hooper, Mr. J. Crowlesmith, Mr. W. J. Boyle, all of whom, he said, had done yeoman service in the interest of master printers' organisations.

THE JOY OF PRINTING

Mr. Maxwell, in concluding his address, spoke of what he described as "the joy of being a printer." "If I had my time over again," he said, "there is nothing in the world I would rather be than a printer. I love to get a job and have the handling of it; and I love the time when there comes into my hands a proof of a book. When I take up that proof I think of all that has gone to the making of it—the brains of its author, the skill of the compositors, the capital of the printer who has produced it, and the care that has been necessary before this apparently simple thing has been put into my hands, and I never fail to experience a thrill."

Mr. Maxwell terminated by mentioning the names of some of his acquaintances whom he had been primarily brought in touch with through his connection with printing; these included Mr. George Bernard Shaw, Sir J. G. Frazer (author of "The Golden Bough"), Mr. Hugh Walpole, the late Thomas Hardy, etc.

A vote of thanks to Mr. Maxwell, proposed by Mr. A. Langley, seconded by Mr. J. Crowlesmith, and supported by Mr. R. A. Austen-Leigh and Lieut.-Col. R. F. Truscott, was very heartily accorded.

ANNUAL MEETING

At the annual meeting of the Central Districts Association, which preceded Mr. Maxwell's address, the following official elections were made: President, Mr. Percy W. Ryde; vice-presidents, Sir Cecil R. Harrison, Lieut.-Col. B. L. Hooper, Mr. B. Guy Harrison and Mr. H. Basil Cahusac; hon. treasurer, Mr. J. Crowlesmith; secretary, Mr. W. J. Boyle; hon. assistant secretary, Mr. A. J. Hubbard; hon. auditor, Mr. C. Clifford Bliss, A.C.A.; executive committee, Mr. Charles Bonner, Capt. W. Vincent Brooks, M.C., Mr. H. Basil Cahusac, Mr. W. Charles, Mr. William Ede, Mr. E. Edkins, Mr. L. A. Goss, Mr. Geoffrey C. Griffith, Mr. H. M. Heywood, Mr. Fred Hart, Mr. A. J. Hubbard, Mr. C. W. Iveson, Mr. O. G. Poulson, Mr. Hartley Straker, Mr. T. Tonkin, Mr. W. H. Wass, Mr. F. W. White, Mr. A. Willmott, Mr. Victor E. Read; representatives on the L.M.P.A. Council, Messrs. H. Basil Cahusac, E. Edkins, C. W. Iveson, A. Willmott.



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Reviews of New Books

TYPOGRAPHICAL DESIGN

"Typographical Layout and Design"; Linotype and Machinery, Limited, 9, Kingsway, London. 2/- net.

Two qualities are necessary in the production of effective jobbing and display printing—utility and beauty; if these objects are not achieved in a piece of printed matter, there is little hope of its success.

The production of such work means a certain co-operation on the part of all concerned—a ready interpretation on the part of each craftsman of the other's purpose, and especially is this true of the relationship between the typographer and the compositor. The most perfect piece of typography can be, and often is, ruined through a lack of comprehension on the part of the compositor; whilst also, it is only fair to add, many a faulty layout has been vastly improved by the skilful compositor possessed of an artistic appreciation of his work.

Most helpful towards securing an accurate interpretation of the typographer's purpose by the Linotype compositor is a little volume entitled "Typographical Layout and Design," first published in 1927, and which, in a second (revised and enlarged) edition, is now for the first time being offered to the general trade.

This book, one of the Linotype Technical Schools series, is of great value not only to Linotype students, but also to those compositors generally who have little or no opportunity of producing display work, or who are not in touch with present-day methods.

The striking contrast between the old and the new typography is explained and graphically illustrated in the opening chapters, and the book goes on to deal with the modern layout giving an accurate analysis of good layout work. A time-saving scheme for charting matrix equipment is explained, and succeeding chapters give an authoritative explanation of the principles of design, harmony of elements, proportion, component parts of books, balance of masses, arrangement of elements, and spacing. Decoration, borders, initial letters and the casting-off of copy are very helpfully dealt with, and in conclusion there are some valuable miscellaneous practical hints for layout students. The book is neatly bound in cloth boards, and there are many illustrations to aid the forcefully written matter, whilst the text is pleasantly readable, being set in Linotype Granjon Old Face.

We heartily commend this little volume as it performs a most useful service in concisely presenting to the display compositor and the potential layout man a knowledge of these essentials of tasteful and successful work.

PHOTOGRAVURE PRINTING

"Photogravure," by H. Mills Cartwright, F.R.P.S.; American Photographic Publishing Co., Boston, Mass. \$3.50.

The past few years have seen remarkable developments in photogravure printing. The fine results achieved in the United States by colour-photogravure printing on web-fed rotary presses have proved the technical practicability of this process, whilst in the commercial field colour gravure is also making steady progress; the advances recently made in rotary photogravure printing from plates, too, have heartened many who have followed the process from its inception.

In view of this, and of the increasing interest being exhibited in photogravure in this country, it is pleasing to see the appearance of a volume entitled "Photogravure," by H. Mills Cartwright, F.R.P.S., which deals in a very comprehensive manner with all aspects of the process. It is a substantial octavo volume in cloth boards.

In an interesting foreword, Mr. A. J. Bull, M.Sc., F.Inst.P., recalls that the process originated in the 'fifties of last century, when Fox Talbot worked out a method of producing intaglio plates by etching through a bichromated gelatine film; next, in 1879, Karl Klic substituted for Fox Talbot's film of bichromated gelatine, with its varying degrees of insolubility, a developed image by the carbon process, thus producing an efficient and workable process. This process had, subsequently to Fox Talbot's work, been invented by Sir Joseph Swann, and the final picture consisted of a relief of hardened gelatine which contained a suitable insoluble pigment. In 1895, Klic, in conjunction with some Lancashire cotton printers, modified the process so as to be applicable to printing from copper cylinders.

Both methods are described in Mr. Cartwright's book in the manner of one who is not only thoroughly familiar with their practical working, but who, in the words of Mr. Bull, "has in no small measure contributed to an exact understanding of the details of many of the operations."

The book, which is aided by many excellent half-tone illustrations, deals in the first place with the advantages and limitations of photogravure. Colour photogravure, machine gravure and hand printed photogravure are deftly outlined, and Mr. Cartwright next goes on to describe in detail the preparation of originals, and all the incidentals in this connection. Photographic operations; negative and positive retouching; copper plates and cylinders and their preparation and etching; machine printing and hand printing by photogravure—all are succinctly described in the succeeding chapters in a straightforward manner which makes the matter easy to grasp and pleasant to read.

The result of Mr. Cartwright's book is to render a very valuable service both to those printers who contemplate taking up photogravure printing, and to those others who wish for a clear and accurate general understanding of the process. The book is of special interest at the present time in view of the predictions of prominent printers regarding the immediate possibilities of photogravure in this country.

It is obtainable in England from Messrs. Raithby, Lawrence and Co., Ltd., 231-232, Strand, London, W.C.

"THE PRICE BOOK."

"The Price Book"; King and Jarrett, Ltd., Holland Street, S.E.1; 5s.

Of great value to the master printer, the manager, the estimating clerk and the student is "The Price Book," the 1930 edition of which has now been published.

This useful volume is compiled by Mr. F. G. Shepard, A.C.W.A., who, by reason of his wide experience in many branches of the printing industry, is well qualified to undertake such a work. The new edition, which has been revised up to date, contains over 40,000 prices and,

in addition, much information of a practical nature concerning very many phases of the industry. All who require a handy means of reference to prices of materials and apparatus, and costs of the many processes of the printing and allied trades find this work invaluable.

The thumb index gives rapid access to any part of the book, and a detailed index is also provided. The volume is as usual well printed and stoutly bound, running to well over 500 pages, 8½ ins. by 4 ins.

MR. WILLIAM FAWCETT, who was for many years on the composing staff of the *Liverpool Daily Post*, has died at the age of 79 years.

THE late Mr. Francis Dixon Bumsted (82), of Cannock, Staffs, one of the founders of the firm of Bumsted and Chandler, engineers, left £60,866 (net £51,804).

PRINTING machinery imported into the Australian Commonwealth during January was of the value of £20,829, against £22,804 twelve months previously. In the seven months ended January, imports of the same class of machinery reached a value of £214,392, compared with £248,371 in the corresponding period a year earlier.

BENEFITS

A trade organisation is judged by the generosity of the benefits it provides for its members.

THE PRINTERS' PROVIDENT ASSOCIATION provides Unemployment, Superannuation and Funeral Benefits upon terms which are lower than those of any other trade organisation.

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U.S. Tariff on Bindings

An amendment has been proposed to Paragraph 1410 of the Paper and Books schedule of the new United States Tariff Bill which reads as follows: "Provided that exported books of domestic manufacture, when returned to the United States after having been advanced in value or improved in condition by any process of manufacture or other means, shall, under rules and regulations prescribed by the Secretary of the Treasury, be dutiable only on the cost of materials added and labour performed in a foreign country."

"The effect of this amendment," says the *Publishers' Weekly* (New York), "would be that American manufactured books could be sent abroad and when brought in would be dutiable only as far as the binding was concerned. The present law provides that when the book is over twenty years old the contents would not be dutiable, and this amendment clears from duty the contents value of books which had been sent over for binding. Such a law ought to be satisfactory to American printers, because it would encourage the binding of American books abroad as against English editions of the same class."

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Printers' Pension Corporation

Results of Election

At the annual meeting of the Printers' Pension Corporation, held at the Connaught Rooms last Saturday, the Rt. Hon. Lord Ebbisham occupied the chair.

The Council's report of the proceedings of the past year was received and adopted, as was also the statement of accounts. The officers were all re-elected, and the report of the scrutineers as to the results of the election of pensioners at the meeting on April 26th was received and adopted.

The following are the candidates receiving awards:—

SUCCESSFUL CANDIDATES

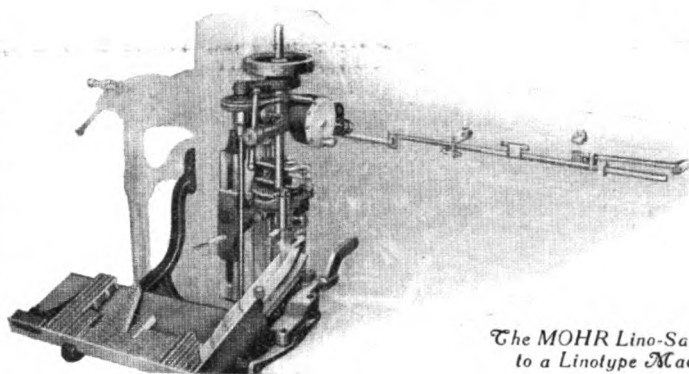
Charles James Drummond Memorial Pension (£35), Thomas J. Smith; Major the Hon. J. J. Astor Pension, No. 2 (£30), Francis J. Fathers; Lord Camrose Pension, No. 3 (£30), John T. Pidgeon; Sir Gomer Berry Pension No. 3 (£30), Henry J. Neesham; Cecil B. Harmsworth Pension No. 2 (£30), Charles Fountain; London Daily Newspaper Printing and Stationery Trades Cricket Pension (£30), Charles G. Shinner; Usher-Walker Pension No. 3 (£30), Montague Rose; Lord Wakefield Pension No. 1 (£30), Thomas J. Harrison; Lord Waring Pension No. 1 (£30), Thomas N. Barber; Harry Lloyd Pension No. 3 (£30), Susan Rowlinson; McCorquodale and Co., Ltd., Pension No. 1 (£30), Mary J. Brooks; Viscount Burnham Pension No. 1 (£30), Tamar Bullock; *The Times* Pension No. 2 (£30), William H. Wright; *Observer* Pension No. 1 (£30), Alfred C. Kipps; *Daily Mail, Evening News and Sunday Dispatch* Pension No. 8 (£30), Charles R. Foxcroft; James Turner Pension No. 1 (£30), Charles Weaver; Ditto No. 2 (£30), Frederick Pritchard; City of London Printers' Musical Society Pension No. 12 (£30), Bernard W. Garaty; City of London Printers' Musical Society (Mrs. Emily Hornsey Walker) Pension No. 13 (£30), Alexander Gray; Paul-Brown Pension (Ilford Auxiliary) No. 2 (£30), William A. Lawson; *Daily Mirror* Pension No. 3 (£30), Arthur E. Davies; *Sunday Pictorial* Pension No. 3 (£30), Richard H. Cason; Linotype and Machinery Limited Pension No. 2 (£30), William B. Nichols; *News of the World* Pension No. 3 (£30), Henry R. Woodham; Printing and Allied Trades Charity Sports (H. F. Parker) Pension No. 10 (£30), James J. Caney; Edward Lloyd, Ltd., Pension No. 1 (£30), Arthur H. Jones; W. H. Smith and Son Pension No. 2 (£30), Alfred G. Mann; Lanston Monotype Corporation, Ltd. Pension No. 2 (£30), Herbert C. Hamblin; Sir Frederick Becker Pension No. 2 (£30), Charles Young; South London Auxiliary (H. J. England and A. E. Moore) Pension No. 13 (£30), James T. Russell; Elizabeth and Robert Trotter Pension (£26), Henry S. Britten; E. Festus Kelly Pension No. 4 (£26), Edward S. H. Suckling; W. H. Christopher Pension (Provident Association) No. 2 (£26), William J. Parfitt; George T. Burge Pension (Provident Association) No. 4 (£26), Theophilus H. Galois; W. M. Walker Pension (Provident Association) No. 5 (£26), John E. Dougherty; John Hogg Pension, "In Memory of my Father" (£26), Henry Snell; Amalgamated Press (Printing Works) Pension No. 5 (£26), Hannah C. Lewis; John Walter Pension No. 1 (£26), Emily Mattocks; South London Auxiliary (J. Fleming and W. H. Hagon) Pension No. 14 (£26), Caroline K. Hoegkinson; South London Auxiliary (J. Dixon and A. J. England) Pension No. 15 (£26), Florence B. Legge; Lord Riddell Pension No. 2 (£26), Louisa Fountain; Hulton Pension Fund (Alfred Wilson Pension) No. 5 (£25), Elizabeth Gantsman; Electrotypers and Stereotypers (Frank Mouser) Pension No. 10 (£25), Agnes Howie; Electrotypers and Stereotypers (G. K. Naylor Memorial) Pension No. 11 (£25), Amy E. Hardingham; Whitefriars Pension (Alfred W. Jones) No. 4 (£25), Henry Ewbank; *George Reveys* Pension No. 1 (£25), Frederick W. Muttins; *The Times* Pension No. 1 (£25), Alfred J. Blundell; Viscount Northcliffe Pension No. 7 (£25), Walter Hoare; Clifton House (C. Hermann Lea) Pen-

sion Fund No. 1 (£25), Paul A. Scott; Charles Whittinghams (Uncle and Nephew) Memorial Pension No. 7 (£25), Amos W. Rippengale; Printing Machine Managers' Pension No. 1 (£25), Henry J. Grove; City of London Auxiliary Pension No. 3 (£25), Stephen Wells; Printers' Managers and Overseers' (Centenary Recognition) Pension No. 4 (£25), Emily Doddrell; T. E. Naylor Jubilee Pension (Nonpareil Auxiliary) No. 6 (£20), Sidney A. Simons; F. C. Baylie, A. E. Saxton and Geo. Tucker Pension (Nonpareil Auxiliary) No. 11 (£20), Frederick H. Mills; W. Hermon Gill Pension (Nonpareil Auxiliary) No. 12 (£20), Charles Pack; Printers' Warehousemen's Pension No. 3 (£20), Ernest A. Whittaker; East Ham and Upton Park Auxiliary Pension No. 6 (£20), Charles Pooley; East Ham and Upton Park Auxiliary Pension No. 7 (£20), Wright C. Dale; Truscott Pension Fund No. 1 (£20), Walter A. Mathewson; Truscott Pension Fund (Cyril and Francis Truscott Memorial Pension) No. 2 (£20), Alfred R. Stannard; Machine Compositors (L.S.C.) Vigilance Association Pension Fund (J. F. D. Dixon) No. 3 (£20), Edward Moore; Machine Compositors (L.S.C.) Vigilance Association Pension Fund (Nancy Fry) No. 4 (£20), Edward V. Leicester; Camden Town Auxiliary Pension No. 11 (£20), Arthur Mills; Crespin Harding Pension (£20), Oliver M. Cash; Joseph Mortimer Pension (Crespin-Harding Association) (£20), Arthur J. Endersby; Stoke Newington Auxiliary Pension No. 2 (£20), George W. Tovey; Spottiswoode, Austen-Leigh Pension (£20), Richard T. Fletcher; Herbert Lloyd Pension No. 1 (£20), John E. Miller; Sir C. Arthur Pearson Pension No. 2 (£20), Thomas Overett; J. Mann—A. Parrock Pension (Ilford Auxiliary) No. 4 (£20), George Paine; H. C. Hamblin—A. W. Paul, Jun. Pension (Ilford Auxiliary) No. 5 (£20), Richard Lattimer; St. Clements Press (Sir Gomer Berry) Pension No. 3 (£20), Henry W. Toozee; St. Clements Press (W. H. Eyre) Pension No. 4 (£20), Henry Platt; Passmore Edwards Pension (£20), John L. Pohse; Charles Edwin Layton Pension (£20), James Paine; Husk, Sims and Howard (North London Auxiliary) Pension No. 7 (£20), Sarah E. Bailey; Stephen and Johnson (North London Auxiliary) Pension No. 8 (£20), Florence H. Jones; C. E. Goddard and A. J. Cannon (North London Auxiliary) Pension No. 9 (£20), Edith W. Biss; Gibbs-Harvey Widows' Pension (£20), Alice M. Ladd; Mulley Pension No. 3 (£20), Edith M. Oakley; Roworth Pension No. 3 (£20), Agnes A. Newton; Roworth Pension No. 4 (£20), Amy Munro; Lownds Pension No. 3 (£20), Amelia M. Garrod; Hewitt Brothers Pension (£20), Mary A. S. White; *Daily Mail* Composing Department Pension No. 1 (£20), Maria E. Child; Russell Palmer (Lithographers' Auxiliary) Pension No. 14 (£20), Clara Tucker; Frank Heywood (Lithographers' Auxiliary) Pension No. 15 (£20), Helena H. Chappell; Grosvenor, Chater and Co., Ltd., Pension No. 1 (£20), Isabell Pattisson; Spalding and Hodge, Ltd., Pension No. 1 (£20), Frederick Paige; Harrison and Sons Auxiliary (A. E. Gibbs) Pension No. 5 (£20), Arthur E. Hunt; Harrison and Sons Auxiliary (James William Harrison Memorial) Pension No. 6 (£20), Walter Brooks; William A. Perkins (Readers' No. 16) Pension (£20), Arthur R. Revell; Lord Ebbisham (Readers' No. 22) Pension (£20), James W. Wood; Centenary (Readers' No. 25) Pension (£20), William Grix; Lord Askwith (Readers' No. 29) Pension (£20), Henry Jeffs; Lord Askwith (Readers' No. 30) Pension (£20), David Lansdell; P.M.A. (Edward J. Flowerday) Pension No. 2 (£20), George W. P. Haynes; King's Printers' Auxiliary Pension No. 6 (£20), Horace Wildman; King's Printers' Auxiliary Pension No. 7 (£20), William Hinchliff; Amalgamated Press Pension No. 3 (£20), Harry C. Pyne; L.M.P.A. Pension (£20), Frank S. Middleton; Master Printers' Pension No. 2 (£20), John L. Chibbett; Spottiswoode and Co. (New Street Square) Pension (£20), Alfred J. Cochrane; "The Durable" Printers' Roller Co., Ltd., Pension No. 1 (£20), Frederick A. Reeve; Sir Joseph Causton and Sons, Ltd., Pension No. 1 (£20), Henry J. Peach; Electrotypers and Stereotypers (T. H. Middleton) Pension No. 8 (£20), George Aaron; Field Press

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Auxiliary (G. W. Hopkins) Pension No. 2 (£20), Robert E. Hodgkins; Hudson and Kearns Auxiliary (W. H. Cockle) Pension No. 4 (£20), Arthur C. H. White; Odhams Press (G. Phillips) Pension No. 3 (£20), James Wallis; Odhams Press (Albert E. Wood and Joseph J. Rawlings) Pension No. 4 (£20), Elizabeth J. Tigg; W. Speaight and Sons, Ltd. (Herbert Clarke Memorial) Pension No. 1 (£20), Alexandra Olney; City of St. Alban Pension No. 1 (£20), Josiah Sims; London Branch of National Society of Electrotypers and Stereotypers Pension (£20), Annie M. Lazzam; Becontree and District Auxiliary Pension No. 1 (£20), Alfred Chrisp; Printers' Managers and Overseers' Association (A. E. Jarvis and G. H. T. Freeman) Pension No. 3 (£20), Edward B. Martin; Brixton—Streatham—Clapham Fund (Mrs. C. W. Bowerman) Pension No. 5 (£20), Fanny S. Keyse; H.M. Stationery Office Press (Mrs. W. R. Codling) Pension No. 5 (£20), Florence E. Parsons; Charles Whitbread and Nephew Memorial Pension No. 21 (£20), Eleanor Partington; Ditto, No. 25 (£20), Clara E. Omarini; Ditto, No. 33 (£20), Mary Bleach; Ditto, No. 35 (£20), Mary E. Hynes; Ditto, No. 37 (£20), Alfred H. Pilgrim; Ditto, No. 42 (£20), Gilbert G. Tripp; Ditto, No. 79 (£20), Frances K. Claireaux; Ditto, No. 83 (£20), Edward J. Brockman; Ditto, No. 99 (£20), Rose Skidmore; Ditto, No. 116 (£20), Albert Ovenden; Ditto, No. 126 (£20), Laura A. Hawkins; Ditto, No. 134 (£20), George R. Reed; Ditto, No. 136 (£20), Josiah Jameson; Ditto, No. 150 (£20), Frances L. Sievwright; Ditto, No. 179 (£20), William Fletcher; W. Howard Hazell Pension No. 1 (£20), Edward F. Reilly; W. Howard Hazell Pension No. 2 (£20), Henry B. Jackson; C. R. Jones Memorial Pension (£20), Annie M. Holman; Waterlow's Auxiliary Pension No. 8 (£20), Augustus Defritas; Waterlow's Auxiliary Centenary Pension No. 9 (£20), Elizabeth Shadwell; Sick Fund Union Pension No. 1 (£20), Frederick Servante; William Vandy Pension No. 2 (£20), William H. Taylor; Daily Sketch Machine Managers' Chapel (North-East London Auxiliary) Pension No. 1 (£20), William J. Bursnell; North-East London Auxiliary (A. Stannard and W. J. Edgell) Pension No. 5 (£20), William H. Bond; *Daily Mail* Pension No. 2 (£20), Job Christmass; *Daily Mail* Pension No. 3 (£20), Henry C. Brooks; George Q. Cooper Pension No. 1 (£20), Harry French; George Stanley Cooper Memorial Pension (£20), Fanny E. Hinds; Horton Harrild Pension No. 1 (£20), Emily Ennis; Horton Harrild Pension No. 2 (£20), Susan E. Greenaway; Walthamstow Auxiliary Pension No. 2 (£20), Rosina Tomkins; Walthamstow Auxiliary (Hodgkins Blackwell) Pension No. 3 (£20), Alice M. Brickwell; Walthamstow Auxiliary (A. Barrett—O. Henson) Pension No. 4 (£20), William H. Gosden; H.M. Stationery Office Press (R. H. Lucas) Pension No. 3 (£20), Harry S. Jones; H.M. Stationery Office Press (G. W. Watts) Pension No. 4 (£20), Timothy Crawley; William Clowes and Sons, Ltd., Employees' (H. W. Gray) Pension (C.H.P.F.) No. 2 (£20), Thomas H. Ormrod; William Clowes and Sons, Ltd., Employees' (W. R. Heppel) Pension (C.H.P.F.) No. 3 (£20), Jane Powis; St. Bride Students' Pension No. 1 (£20), Mary M. Cross; London School of Printing Students' Pension No. 2 (£20), Elizabeth Dunkley; Lord Marshall Pension No. 2 (£20), James G. Bowes; Lord Marshall Pension No. 3 (£20), Frederick J. Wildish; Bank of England Pension (£20), Minnie Williams; Brixton—Streatham—Clapham Fund (Dan Pointing) Pension No. 3 (£20), George Glading; Brixton—Streatham—Clapham Fund (H. Chalk Memorial) Pension No. 4 (£20), William Collins; *Daily Telegraph* Pension No. 3 (£20), Louisa Clayton; *Daily Telegraph* Pension No. 4 (£20), Walter Worthy; Wood Green Auxiliary (George Cox) Pension No. 3 (£20), George Vennall; Wood Green Auxiliary (H. J. Wood) Pension No. 4 (£20), George F. Howell; Wood Green Auxiliary (George Lee) Pension No. 5 (£20), Charles F. Gray; L.S.C. Pension Association Pension No. 2 (£20), Arthur C. Hayward; L.S.C. Pension Association Pension No. 3 (£20), Annie Evans; L.S.C. Pension Association (T. Timberlake Memorial) Pension No. 4 (£20), Walter H. Wedderburn; *Daily Express* Composing Chapel Pension No. 1 (£20), Edward J. Walsh; Stephenson Blake Pension No. 1 (£20), Richard T. Coles; Natsopa Auxiliary Pension No. 1 (£20), Frederick J. Dunningham; Centenarian Firms Pension No. 1 (£20), John Sampson; Centenarian Firms Pension No. 2 (£20), Henry Nockall; Centenarian Firms Pension No. 3 (£20), William J. Pearson; Centenarian Firms Pension No. 4 (£20), William J. Giddens; Centenary Pension No. 1 (£20),

Louisa Amey; Ditto, No. 2 (£20), Richard Bathe; Ditto, No. 3 (£20), George Bevis; Ditto, No. 4 (£20), Wesley J. Woodcock; Ditto, No. 5 (£20), John E. J. Walker; Ditto, No. 6 (£20), Arthur Jackson; Ditto, No. 7 (£20), Richard W. Bathurst; Ditto, No. 8 (£20), Arthur G. Franks; Ditto, No. 9 (£20), Robert McMurdo; Ditto, No. 10 (£20), Edward G. Evans; Ditto, No. 11 (£20), Arthur Martin; Ditto, No. 12 (£20), Alice E. Roberts; Ditto, No. 13 (£20), Thomas C. Barnes; Ditto, No. 14 (£20), Elizabeth M. Sanders; Ditto, No. 15 (£20), Lydia E. Nichols; Ditto, No. 16 (£20), Edward H. Hines; Ditto, No. 17 (£20), Arthur Betts; Ditto, No. 18 (£20), George W. Harman; Ditto, No. 19 (£20), Alfred Hubbard; Ditto, No. 20 (£20), Harry T. Berry; Alfred Fletcher Blades (Longest Unsuccessful Candidates Committee No. 4) Pension (£20), Miriam E. Drayton; Mildred Couchman Memorial (Longest Unsuccessful Candidates Committee No. 6) Pension (£20), Charles Rimington; Sidney T. Marshall (Longest Unsuccessful Candidates Committee No. 7) Pension (£20), Jane Brearley.

UNSUCCESSFUL CANDIDATES

South London Auxiliary Gift No. 1 (£5), Frank Cowell; Ditto, No. 2 (£5), Emily J. Blacker; Ditto, No. 3 (£5), Caroline E. Tooke; Ditto, No. 4 (£5), William Watson; Ditto, No. 5 (£5), Henry W. Bacon; City of London Printers' Musical Society Gift No. 1 (£5), George O. Wilson; Ditto, No. 2 (£5), Maria Lloyd; Ditto, No. 3 (£5), George E. Adams; Ditto, No. 4 (£5), Walter A. Savage; Ditto, No. 5 (£5), Thomas Page; Ilford Auxiliary Gift (£5), Henry Truelove; Camden Town Auxiliary Gift (£5), George Baker; H.M. Stationery Office Press Auxiliary Gift (£5), Frederick Poulter; Ditto (£5), Henry J. Bournier; Spottiswoode Club and Institute Gift No. 1 (£5), Eleanor G. Cousins; Ditto, No. 2 (£5), John E. Leary; William John Williams (Composer), Gift, in Memory of Matilda Williams (for a Widow Candidate) (£5), Martha Gastrell; W. H. Christopher Permanent Memorial Gift (per P.A.P.F.) (£5), Charles Rhind; Electrotypers and Stereotypers Auxiliary Gift No. 1 (£5), Henry Boniwell; Ditto, No. 2 (£5), William C. Wiltshire; Ditto, No. 3 (£5), Arthur J. Sendell; Ditto, No. 4 (£5), William L. Taylor; Ditto, No. 5 (£5), Benjamin Cann; North London Auxiliary Gift No. 1 (£5), Walter G. Walker; Ditto, No. 2 (£5), Arthur Wood; Hudson and Kearns Auxiliary Gift (£5), Alice L. Hughes; Nonpareil Auxiliary Gift (£5), Robert Stares; Printers' Medical Aid Pension Fund Auxiliary Gift (£5), Annie E. Thorpe; Becontree and District Auxiliary Gift (£5), James O'Dwyer; Walthamstow Auxiliary Gift (£5), Annie Huggins; Natsopa Auxiliary Gift (£5), Frederick G. Waters; Printers, Managers and Overseers Association Gift No. 1 (for a Male Candidate) (£5), John W. Walsh; Ditto, No. 2 (for a Male Candidate) (£5), Henry E. Porter; Ditto, No. 3 (for a Widow Candidate) (£5), Bortha A. E. Clavey; L.S.C. Pension Association Gift No. 1 (£5), (for a Male Candidate), Frank Coughin; Ditto, No. 2 (£5), (for a Male Candidate), John A. Kinchin; Ditto, No. 3 (£5), (for a Widow Candidate), Caroline E. Hoyland; Ditto, No. 4 (£5), (for a Widow Candidate), Kate E. Johnston; Richard Cartwright Memorial Gift (£5), Charles Wright; Longest Unsuccessful Candidates' Committee (Alfred Fletcher Blades' Memorial) Gift (£5), Henry E. Horn; Longest Unsuccessful Candidates' Committee (John Allford Memorial) Gift (£5), Edith C. Norman.

PRINTING INK MERGER.—The merging of two leading U.S. chemical and printing-ink concerns, the Newport Company and the International Printing Ink Corporation, into one company with combined assets of over \$25,000,000 (£5,000,000), was announced on Saturday by Dillon Read and Co., of New York, bankers for both concerns. The International Printing Ink Corporation, whose activities extend to England, the Argentine and China, is the largest American manufacturer of printing ink and allied products. In addition to nine manufacturing plants in the United States, it controls, through a British subsidiary, Ault and Wiborg, Ltd., a similar plant in London. The Newport Company controls one of the most widely diversified organic chemical enterprises in the United States.

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Commercial Review

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Allied Newspapers ord. 30s., 31s., 8 p.c. cum. pref. 21s. 7½d., 21s. 6d.; Allied Northern Newspapers 6½ p.c. deb. 99½, 100; Amalgamated Press ord. (10s.) 23s. 3d., 23s. 6d., 7 p.c. cum. pref. 20s. 3d., 19s. 9d., 5½ p.c. deb. 92½, 92½; Anglo-Foreign Newspapers (5s.) 1s. 1½d., defd. (1s.) 2d.; Argus Press Holdings 27s., 27s. 4½d., 7½ p.c. pref. 19s. 7½d., 19s. 6d.; Associated Newspapers 23s. def. (5s.) 27s., 26s. 6d., 5 p.c. cum. pref. 18s. 7½d.; Buff Book def. (1s.) 9d.; Cassell (Holdings) 7½ p.c. pref. 20s. 9d.; R. W. Crabtree and Sons pref. (10s.) 9s. 9d.; Daily Express Building 6 p.c. 1st deb. 98½; Daily Mirror 8 p.c. pref. 27s.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 103½, 102½; Thos. De La Rue 13s. 5½d., 13s. 6d.; John Dickinson 37s., 38s.; Financial Newspaper Proprietors 16s. 3d.; Financial News 5 p.c. cum. pref. 13s. 6d.; Financial Times ord. 28s., 7 p.c. cum. pref. 21s. 3d.; Hutchinson and Co. 7 p.c. partg. 1st pref. 11s. 3d.; Hutchinson Printing Trust 7½ p.c. partg. pref. 14s. 4½d.; Ilford 48s. 9d.; Illustrated London Newspapers 10s. 1½d.; International Linotype 84½; Kelly's Directories ord. 46s. 3d., 47s., 7½ p.c. cum. pref. 23s. 9d.; Lamson Paragon 20s. 1½d., 5½ p.c. cum. pref. 16s. 4½d., 10 p.c. cum. pref. 25s. 6d.; Lanston Monotype Corporation 38s.; London Express Newspaper 7 p.c. cum. pref. 20s. 1½d.; Mansell, Hunt, Catty, 20s. 3d.; Northcliffe Newspapers 5½ p.c. deb. 99½ 98½; Odhams Press (4s.) 6s. 6d., 6s. 9d., new 6s. 6½d., 6s. 8½d., 6 p.c. pref. 16s. 3d., 16s. 10½d., 6½ p.c. deb. 101½; Sunday Pictorial Newspapers 65s., 64s. 4½d., 8 p.c. cum. pref. 25s.; Raphael Tuck 21s. 1½d.; Waterlow and Sons def. 34s. 3d., 33s. 9d., 4 p.c. cum. pref. 14s., 13s. 6d.; Weldons 6 p.c. cum. pref. 12s. 3d.; Wyman and Sons 52s. 3d., 7 p.c. cum. pref. 21s. 4½d., 6 p.c. cum. pref. 18s. 7½d.

New Companies

J. B. NICHOLS AND SONS, LTD.—Capital £20,000, in £1 shares; to acquire the business of Parliamentary and general printers carried on by J. B. Nichols and Sons at Orchard-street, Victoria-street, Westminster, S.W. Private company. Directors: J. C. M. Nichols, W. D. Crewdson and E. T. Whaite. Registered office: Parliament Mansions, Orchard-street, Victoria-street, Westminster, S.W.1.

MANCHESTER ENVELOPE CO., LTD.—Capital £18,000, in £1 shares (14,000 ordinary and 4,000 7 per cent. cumulative preference); envelope manufacturers and merchants, paper merchants and makers, paper bag and account book makers, stationers, box makers, cardboard manufacturers, etc. Private company. Directors: J. B. Browne, G. Robinson and C. B. Browne. Registered office: 40, Buxton-street, London-road, Ardwick, Manchester.

J. E. PARBURY, LTD.—Capital £10,000, in £1 shares; to acquire the business of a general printer, lithographer, engraver, stationer and paper bag merchant carried on at Coventry by J. E. Parbury. Private company. Directors: J. E. Parbury and Mrs. Ethel R. Parbury. Registered office: 39, Cow-lane, Coventry.

CARL HENTSCHEL (1930), LTD.—Capital £5,000, in 4s. shares; to adopt an agreement for the sale of the whole of the undertaking of Carl Hentschel, Ltd. Colour, process and half-tone engravers, photo etchers, stationers, printers, lithographers, etc. Private company. Directors:

L. Posener, Mrs. Bertha Hentschel, C. C. Hentschel and L. Hewland. Registered office: 106-7, Shoe-lane, E.C.4.

NEWARKE STATIONERY CO., LTD.—Capital £2,000, in £1 shares (800 7½ per cent. cumulative participating preference and 1,200 ordinary); to acquire from H. Taylor, printer and stationer, the business carried on by him as the Newarke Stationery Co. at Reliance Works, at 34½, Highcross-street, Leicester. Private company. Directors: H. Taylor and J. H. Donne. Registered office: 34½, Highcross-street, Leicester.

OSBORNE, RICE AND CO., LTD.—Capital £100, in £1 shares; to acquire the business of letterpress printers, lithographers, commercial and drawing office stationers, carried on by A. E. Williams and E. Smith at 20, Mitton-street, Hulme, Manchester, as "Osborne, Rice and Co." Private company. Directors: E. Smith, 39, Mayfield-road, Eccles, Lanes, and A. E. Williams.

Mortgages and Charges

H. BURNETT AND SONS, LTD. (printers, manufacturing stationers, etc., 36-38, Lexington-street, W.1).—Particulars filed of £2,500 debentures authorised March 12th, 1930, charged on the company's undertaking and property, present and future, including uncalled capital, the amount of the present issue being £50.

W. CARTER (MANCHESTER), LTD. (printers, etc., 15, Warwick-street, Hulme, Manchester).—Debenture dated

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HARRISON, JEHRING AND CO., LTD. (newspaper proprietors, etc., 11-15, Emerald-street, W.C.1).—Satisfaction to the extent of £1,000 on March 31st, 1930, of debentures dated September 29th, 1922, and registered October 9th, 1922, securing £15,000.

OFFSET-LITHO (1920), LTD. (5 and 6, Aberdour-street, S.E.).—Debenture dated April 15th, 1930, to secure £1,800, charged on the company's undertaking and property, present and future, including uncalled capital. Holder : L. A. R. Wallace, 127, Gloucester-terrace, W.

KLIPTO LEDGERS, LTD. (Back Reads-road, Blackpool).—Particulars filed of £2,000 debentures, authorised by resolutions of September 11th and October 9th, 1929, charged on the company's property, present and future, including uncalled capital, the amount of the present issue being £1,050.

W. F. MORRELL AND CO., LTD. (printers, etc., 2A, New-road, Seven-Kings).—Issue on April 24th, 1930, of £200 debentures, part of a series already registered.

BEN JOHNSON AND CO., LTD. (printers, publishers, etc., 14, Micklegate, York).—Particulars filed of £20,000 debentures authorised March 31st, 1930, charged on the company's undertaking and property, present and future, including uncalled and unpaid capital, the whole amount being now issued.

SPICERS AND DETMOLD, LTD. (manufacturing stationers, etc., 19, New Bridge-street, E.C.).—Two mortgages created outside the U.K. dated September 27th, 1929, one securing £35,000 and the other securing £5,500 and further advances, charged on land in Sydney, N.S.W. Holders : Australian Mutual Provident Society, Sydney, and others. (Registered April 12th, 1930, by permission of the Court.)

SIDNEY TRADE ENGRAVING CO., LTD. (Dean Stanley-street, S.W.1).—Debenture dated April 7th, 1930, to secure £1,500, charged on the company's property, present and future, including uncalled capital. Holder : R. J. Garratt, Bishops Court, near Exeter.

"Daily News" Personnel

Mr. Edward Cadbury has resigned the chairmanship of the Daily News, Ltd., but remains on the board, and is succeeded in the chair by his younger brother, Mr. Laurence J. Cadbury. Mr. Henry T. Cadbury has, on account of ill-health, resigned the chairmanship of News and Westminster, Ltd., and his position as managing director of the Daily News, Ltd., but remains a director of both companies. He is succeeded in the chairmanship of News and Westminster, Ltd., by Mr. Walter T. Layton, who also becomes vice-chairman of the Daily News, Ltd. Mr. B. F. Crosfield has been appointed managing director of the Daily News, Ltd., in succession to Mr. Henry T. Cadbury. Mr. Ernest Parke has resigned the vice-chairmanship of the Daily News, Ltd., but remains a director of both companies.

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Reference is made in the annual report of the Junior Chamber of the Birmingham Chamber of Commerce (which was approved by the Council of the latter body at a meeting on Monday) to the special committee which was set up to consider the question of the standardisation of commercial stationery. The report of that committee was adopted by the Senior Chamber, who forwarded it to the Association of British Chambers of Commerce, by which body it was circulated to all chambers of commerce, and was in most cases favourably received. It was then submitted to the Paper Makers' Association, and it was to be recorded with regret that that Association did not find it possible to make any recommendation. The committee was now therefore looking into the matter again with a view to determining what, if any, further action could be taken.

THE May monthly meeting of the Electrotypers and Stereotypers' Managers and Overseers' Association was held on the 1st inst. at St. Bride Institute, Bride-lane, the chair being occupied by Mr. A. Chadwell (president). Except for an informal discussion on trade matters generally, little other business came up for consideration.

THE Administrative Council of the Printing and Kindred Trades Federation commenced its three days' annual conference on Wednesday at the Lion Hotel, Cambridge, under the presidency of the Rt. Hon. C. W. Bowerman, M.P. Arranged by the local branch of the Federation, a smoking concert is being held this evening (Thursday), at which the Mayor of Cambridge is to be present.

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"Modernism" in Advertising

Mr. Horgan Hits It Hard

In a talk on "Pictures in Printed Salesmanship," before the British Typographers' Guild on Tuesday, Mr. Stephen H. Horgan gave "Modernistic" art in advertising some hard blows, and he illustrated his comments with exhibits of "Modernism" he defied anyone to explain. One illustrated article shown was by Dr. Marie, of the French Lunatic Asylum, Villejuif, in which the doctor compared paintings by insane patients with the productions of leading modernists to prove the scientists' conclusion that these freak pictures are the natural products of disordered minds, whether the latter are inside or outside asylums.

In his introductory remarks Mr. Horgan congratulated the members on the title of their young organisation, "The British Typographers' Guild," and on the ideals which he was told they had in mind. It was, he said, his privilege to be a member of a similar organisation in New York, which had called itself the "Graphic Group," and which developed into the "American Institute of Graphic Arts," a much-needed organisation that has become a national institution with an international reputation.

"Every age has its vandals, as witness the mutilated works of precious art in our museums. During this generation the graphic arts have been confronted with art anarchists, who, partly from lack of better taste and cultured judgment, have risen with the pre-war and post-war unrest and tried to destroy the beautiful in the book, both type and illustration.

"Just a few words to relate our experience with 'Modernism' in America—the fertile soil, to which has been transplanted many of the 'isms' of Europe. The disturbance began with the arrival of a lecturer on posters, an art in which we were weak. We welcomed him to our American Institute of Graphic Arts and provided him with a splendid audience. He told us that the first principle in poster designing was to attract attention by shocking the passer-by and said there were only four men in the world who knew how to do this, and they were in Germany. Therefore, we would have to get our posters from Germany; and he was the agent for those shock artists. We may smile at his impudence but he enunciated a principle of all 'Modernism,' which is to shock, whether it be painting, sculpture, poster, or advertising in the illustration, type and its composition.

"The war came on," continued Mr. Horgan, "and the perpetrators of 'Modernism' escaped to America like a plague. In September, 1916, I attacked them in an article titled 'Cultivating the Ugly.' So many requests came from artists, painters and members of the graphic arts that the *Inland Printer* was obliged to reprint it. In it I simply compared 'Modernism' with real art, and showed that the former was an endeavour to lead us back to barbarism. 'Modernism' ran its course. After wrecking several popular magazines—and worst of all, destroying the careers of many artists and typographers—'Modernism' is now passé.

"Members of the British Typographers' Guild, you can be of lasting service to the graphic arts by defending them from those who would destroy the Book Beautiful. Fortunately you have the conservatism of British taste and culture with you. We should go forward and improve our arts, but there should be no backward step to barbarism."

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Lt.-Col. E. L. MARLER

Managing Director

MAY 27 1930

"MONOTYPE" IS A WORD WHICH SELLS PRINTING!

Stock Millingtons' "BASILDON" BRAND Envelopes FOR REPEAT ORDERS

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
 NEW SERIES No 81

LONDON: MAY 15, 1930

EVERY THURSDAY
 PRICE THREEPENCE

Multorum vocabulorum equiuocorum interpretatio. Magistri Johannis de Garlandia: grammatico & latini cupido per maxime necessaria Incipit.

A scholar of five hundred years ago looks into the future and discovers a new miracle of Science:



"Here be my words imprinted in *pica*, and here be the self-same words in yet another edition, in *brevier* . . . Yet were both books set in type in a single operation, and that most marvellous . . . for a single man working with the accumulated speed of six, laid fingers to keys, and forthwith did the "Monotype" keyboard, yclept DD, record two settings, which thereafter were set in type by no human agency . . ."

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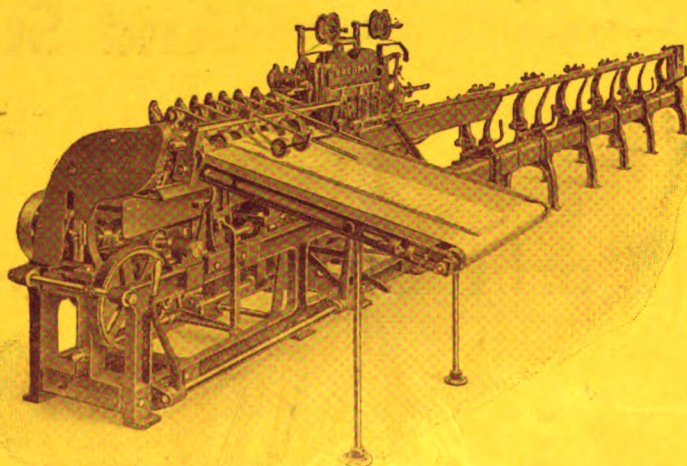
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It's not a fully equipped factory without—

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The No. 135 Feeder Wire Stitcher for collating and saddle wire stitching Pamphlets, Exercise Books, Magazines and Periodicals, will be found a most rational proposition for all binderies which have considerable quantities of work involving collating and saddle stitching: working at enormous speeds it performs much more quickly and inexpensively, work, which if produced by hand labour is not only tedious but very costly.



The machine handles a range of work, from 6" x 3" up to 27" x 12", and can operate with two to six Wireheads, making use of either two to eight Stations. A good feature of this machine is the fact that stitches can be staggered in successive booklets to obviate back swell and consequent difficulties on the trimming machines. The machine is fitted with a very efficient Packer from which the work can be simply and instantaneously removed.

BREHMER'S No. 135 FEEDER WIRE STITCHER

BREHMER'S No. 4a. "UNIVERSAL" WIRE STITCHING MACHINE



works with round wire from the reel, producing its own staples, and stitching from two sheets of paper up to a maximum thickness of 7/8"—it is suitable for stitching Pamphlets, Magazines and Pads, and uses round wires 20 to 30. The staples may be inserted through the fold with the staple legs clenched inside or outside, or they may be inserted through the side of pads. The machine has two Wireheads, one for thin work, and one for thick work, and operates at any speed up to 150 stitches per minute, fitted with Quick Change Wire Feeding Mechanism.

BREHMER'S No. 103 "RAPID" WIRE STITCHING MACHINE . . .



will stitch any thickness from two sheets up to 1" of hardest paper without difficulty—note for the single adjustment device, one Hand Wheel, the turning of which automatically regulates the Wire Feeding, Staple Forming, and Clenching Mechanisms.

This machine will stitch either through the side of the work or through the fold with the staples clenched inside. The machine uses round wires and also narrow flat wires, and is capable of operating at any speed from 125 to 250 stitches per minute.

These machines are most strongly constructed—a factor which guarantees durability, and enables high working speed without causing breakages and spoilage of work.

AUG. BREHMER'S (BRITISH) SUCCESSOR, LTD.
12, CITY ROAD, ————— LONDON, E.C.1

Telephone: CLERKENWELL 0781-2

Telegrams: PAPYRUS FINSQUARE LONDON

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 81

LONDON : MAY 15, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THERE is no improvement in trade to report, nor is there any better prospect to survey. We are having a bad time and have not reached within measurable distance of its termination. It is scarcely possible to expect anything in the shape of revival or recovery this side the six-months-end. Plainly enough, as we said weeks ago, there was no connection between our industrial condition and anticipations regarding the Budget. We will not say that the Budget proposals, as they are likely to react in practice, will have no influence on trade. They will, and in a very fundamental fashion, but we cannot at this juncture blame the Budget for a lack of printing orders. Rather should we take account of the situation in China, in India, in Australia and in other markets which were at one time a standing guarantee for so much of our manufactures. Then we can connect up with the idle textile machinery, unemployed engineers, slackness in shipbuilding, short time in a hundred trades and weary hours in thousands of offices where lack of export means lack of business. The commercial world is not using half the business paper and print that would be consumed if things were right, and because the demand is so low prices are in the same category.

THERE are sure signs now that publicity is being adversely affected. The field of direct mailing is, in our opinion, the mainstay of the general printing industry, holding out the most fruitful promise for future develop-

ment on a vast scale, providing that printers go about their business in a proper manner. It will go hard in many quarters if publicity printing slumps as business printing has done. We have only too much evidence unfortunately, that advertisers are restricting their expenditure on publicity literature while trade is so bad. In a good many offices of advertising agents there is anxious concern over the present state of business, and it must be borne in mind that the preference of the advertising consultant is invariably on the side of Press advertising. If there is to be curtailed expenditure on publicity, it will be seen to that Press advertising suffers least. That is why we said earlier on that development in direct mail literature would be dependent upon the printer going about

his business in a proper manner. Precisely what we mean is that it is the printer's job, in his own vital interest, to educate the advertiser in the greater sales value and economy of direct mail. No one else will do this for him, and the field will not produce its crop if the printer does not set his seed and foster its growth. The printer must educate himself and educate the consumer; and if it falls out, as it will, that some of the spade work benefits the advertising agent, there is no matter in that because the final result is printing for the printer. There should be no antagonism between printer and the publicity profession, and there will not be if the printer comes to a proper appreciation of the fact that he owes a great deal to those

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who create printing where hitherto it did not exist.

* * *

FASTER-running machines and labour-saving devices of one sort or another are constantly coming on to the market to help in making printing more perfect and more economical. Big sums of money are being spent in introducing equipment to give greater efficiency to production, and it is obvious that in the powerful spheres of the news and magazine Press the objects aimed at are being achieved. Incidentally and significantly the workers in these spheres are highly paid and answerable to an organisation which insistently requires a standard of response commensurate to the remuneration. In these spheres at any rate there is power and profit. There is a ready willingness on the part of workers to associate themselves with enterprise of this sort because conditions are good, payment is liberal and treatment is just and fair. Consequently, we find many of the better men in our industry waiting their opportunity to secure employment where definite returns are exacted for high payment.

* * *

WHAT is the condition in the more ordinary class of printing establishment—the general office where, with enterprise on a relative scale, new fast-running machinery is installed and modern equipment and method introduced, all in the desire to improve quality and production? Can we say that there is an adequate return on investment, or that the men give a yield commensurate with their remuneration? Is it not common experience that fast-running machinery is levelled down to a minimum standard, that there is a set mental policy of averaging production? By a psychological process of agreement the minimum man is protected and is the type, the basis of industry. Victorian trade-unionism has prevailed to a large extent in the post-war epoch, and it will continue to furnish an obstacle to its own progress until a new mentality emerges which accepts the progressiveness of allowing those who work to earn as much as they are worth.

* * *

SOME weeks ago we read of an approach to this fresh outlook, when at some committee meeting or other of the J.I.C. it was agreed to in principle that consideration might be given to projected schemes for payment according to results. There was such caution hedged round the nature of proposals likely to receive consideration that it would be difficult to evolve any plan to pay where pay was earned. What is wanted, and the lead and the schemes should come from those who are called leaders, is an acceptance of the policy of remunerative pay to remunerative workers. If a machine is built to give 3,000 per hour and of two workers on similar work one gives 1,000 per hour and the other 2,500, the work of each during the run of the job is equivalent to the output. There should be money incentive for men to give high quality and high production, and there should be no limit to what a man can earn in a week.

A FULL programme of business and recreation is planned for the annual gatherings of the Federation of Master Process Engravers, to be held at Great Malvern, on May 22nd to 24th. There will be a brief business session on the Thursday afternoon, with the annual banquet in the evening; also morning and afternoon business sessions on the Friday, Saturday being left free for sports and outings.

Personalia

THE Duke of York presided at the annual dinner of the Newspaper Press Fund, held at the Hotel Victoria, and Lord Rothermere (president of the Fund) received the guests. Subscriptions and donations totalled £33,000—more than £5,000 in excess of any previous "plate."

MR. C. H. ST. JOHN HORNBY has promised to preside at the annual festival of the Printers' Pension Corporation on November 12th.

MR. THEODORE WATT has been elected president of the Scottish Alliance of Master Printers for the next twelve months.

MR. F. G. HEWITT, after serving as vice-president for two years, has been elected president of the Portsmouth Master Printers' Association. Formerly a well-known Ramsgate journalist, Mr. Hewitt is also president for 1930-31 of the Portsmouth District Committee of the J.I.C.

COUNCILLOR J. WALKER, J.P., as the newly-appointed chairman, and members of the Wood Green Council attended a public service on Sunday at the St. James' Presbyterian Church, Wood Green. Councillor Walker is a past president of the Printing, Bookbinding and Kindred Trades Overseers Association, and still one of its most popular members.

MRS. HERBERT RICHARDSON, B.A. (who will give a lantern lecture on the early history of the British poster), Mr. Patrick Howling, F.I.S.A. (general secretary of the National Chamber of Trade), and Mr. Frank Gray (formerly M.P. for Oxford City) will be amongst the speakers at the poster session of the Advertising Convention at Hastings on Tuesday, June 24th.

THE wedding took place recently at St. Michael's Church, Headingley, Leeds, of Miss Marjorie Ellis, daughter of Mr. and Mrs. C. J. Ellis of Leeds, and Mr. J. D. (Jack) Wigley, eldest son of Mr. and Mrs. A. E. Wigley of Leeds. The bridegroom is a member of the firm of Arthur Wigley, the Waverley Press, Leeds, and is a well-known local Rugby footballer, having played twelve years with Headingley Old Boys, the last three years as captain. He also holds office in the Yorkshire "Young Master Printers." Mr. Wigley senior is vice-president of the Yorkshire Alliance of Master Printers and a member of the Federation Council.

MR. S. A. BEST, a prominent Australian photo-engraver who is treasurer of the Australian Photo Process Association, is at present in this country. He will be at Great Malvern on the occasion of the coming annual banquet of the Federation of Master Process Engravers.

MR. R. N. BURGESS, of Carlisle, has been elected chairman of the Press Association for the ensuing year, and Mr. William Will (*Daily Dispatch*, Manchester) deputy chairman.

MR. C. W. BOLTON, senior employee in the composing room of the *South Eastern Gazette*, Maidstone, was recently presented with a handsome dinner service, a gift from the firm and his colleagues, on the occasion of his forthcoming marriage.

MR. C. G. BEECHING, manager, in the unavoidable absence of the editor (Mr. F. R. Connor), made the presentation, mentioning that Mr. Bolton had been for twenty years in the *Gazette* office.

ANOTHER NEW LINOTYPE SERIES

WITH ITALIC AND S.C. **NUMBER 61** WITH CENTURY BOLD

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THERE IS A GREAT AMOUNT OF COMPOSITION WHERE IT is effective to mix bold and roman faces. THE LINOTYPE, by the duplexing of bold and roman faces, *fulfils this requirement in an economical way*, and opens up a wide field of possibilities for combinations which will gain emphasis and contrast. When a bold face

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WHEN BOLD TYPES ARE USED WITH ROMAN, CARE MUST BE TAKEN to see that they are not too violent and that the design is well balanced. A bold face has usually a deeper tone value than a roman. The dominant message is conveyed and EMPHASIZED *by the display lines*, and at the same time the eye is rested by the quiet backgrounds of the solid text matter w

10-pt. with Italic (10 Δ 877); with Century Bold (10 Δ 884)

WHEN USING BOLD TYPES WITH roman, care must be taken that they NOT TOO VIOLENT and that the design is used with luxurious margins, so that crowd his types *violates every tradition* and robs the face of its elegance and liance; therefore each type face must

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THE LINOTYPE, BY THE DUPLEXING of bold and roman faces, *fulfils this need economically* and opens up a wide field possibilities of combination for gaining EMPHASIS AND CONTRAST. When bold types are used with roman, great care must be

8-pt. with Italic (8 Δ 875); with Century Bold (8 Δ 882)

WHERE A JOB IS SET THROUGHOUT one series of face, the tone value is governed by the sizes of the type employed. The distinct variation in the type sizes used secures CONTRAST OF TONE VALUE and conveys a no emphasis. There is an amount of composition

7-pt. with Italic (7 Δ 874); with Century Bold (7 Δ 881)

THE APT ARRANGEMENT OF THESE VARY depths of tone so that the whole scheme is harmonious and at the same time makes a pleasant blend of CONTRASTS, is a problem which has to be solved. Contrasts both of tone value and of size

6-pt. with Italic (6 Δ 873); with Century Bold (6 Δ 880)

THE ARRANGEMENT OF THE VARIOUS ELEMENTS which make up a typographical design brings problems of which the use of TONE VALUES is by no means the least important. Every type face has its own tone colour value, whether it is used in a single line or in

Send for folder, Ref. No. 1362, to

LINOTYPE & MACHINERY LIMITED, 9 KINGSWAY, LONDON, W.C.2

CATALOGUE OF BOOKS ABO

nais, Historie et Bibliographie, Rouen, Albert Laine, 1916 £1 16s

4to. Orig. wrappers, unopened. 77 facsimiles. An excellent monograph on the fifteenth century printer who printed Statham's Abridgment for Pynson.

907 Lewis (Rev. John, of Margate) A Complete History of the several Translations of the Holy Bible and New Testament into English, both in MS. £3 3s

LIBERTY OF THE PRESS

908 An Act for the more effectual Prevention and Punishment of blasphemous and seditious Libels. [60 George III, Cap. 8]. London, Eyre and Strahan, 1819 6s

5m. folio. Wrappers. 4 pp.
909 Bentham (Jeremy) On the Liberty of the Press and Public Discussion. London, W. Hone, 1821 14s

8vo. Wrappers, uncut. 38 pp. Some leaves spotted. Sewn with Bentham (J.) Three Tracts relative to Spanish and Portuguese Affairs, with a continual Eye to English ones, London, W. Hone, 1821. 54 pp. Name on titles.

910 Brouillant (Leonce Janmart de) La Liberté de la Presse en France aux 17e et 18e siècles. Histoire de Pierre du Marteau, Imprimeur à Cologne. Paris, Maison Quantin, 1888 £1 17s 6d

Large 8vo. Orig. wrappers. 5 plates and 1 portrait. Copy on Papier de Hollande, No. 83. This printer never existed, the imprint being used for various works which might come under the eye of the censor. At the end is printed a monograph on the Historie des Amours du Grande Alcandre, 1652. The Elzevirs used this disguise on more than one occasion.

LIBRARIES

911 Bernhardt (L.) Lehr- und Handbuch der Titelaufnahme. Berlin, Weidmann, 1923 7s 6d

8vo. Orig. wrappers.
912 Bimbenet (E.) Restitution de la Librairie de l'Université d'Orléans ou

salle des Thèses. 8vo. Wrappers. E

Hist. de l'Orléanais, 913 Bini (Giaco) Publica di Berg traslocamenti di e gamo, Sonzogni, 1 4to. Orig. wrapper
914 Bodleian Library in 1882-7 Librarian. Oxford 4to. Boards.

MANUSCRIPTS

915 Auvray (Lu) pamphlets on Ma Orleans. Paris, etc 12 parts, 8vo. Wr

916 Babinet de cription et Prix d l'usage du Diocèse charte de 1339. [1 8vo. Wrappers. E Hist. Charente, 1866.

917 Babinet de ments Paléographie extraits des archi

8vo. Wrappers. 7 bindings. Extract fro

918 Bachelin (A d'Heures de la Da de la Bibliothèque Bachelin-Defloren

8vo. Orig. wrapper
219 Baker (Tho

Memoirs of the Li Thomas Baker of bridge, from the P with a Catalogue

Cambridge, J. Arc 8vo. Wrappers. 2

920 Bennett (Ho of the Ancient Ro at Herculaneum a to unroll them. C

Trade Unions in Conference

Important Matters Considered

The 29th annual conference of the Administrative Council of the Printing and Kindred Trades Federation was held on Wednesday, Thursday and Friday last week at the Lion Hotel, Cambridge, the Right Hon. C. W. Bowerman, M.P. (president), presiding over a gathering of 55 delegates. At the opening ceremony, Ald. Briggs, who deputised for the Mayor of Cambridge, offered a few words of welcome to the delegates, in which he was joined by Mr. Case, of the Cambridge Trades and Labour Council.

In his presidential address, Mr. Bowerman stated that the financial position of the Federation was very sound indeed. He very heartily welcomed the return of the Scottish Typographical Association to the Federation. Referring to the Washington Hours Convention, Mr. Bowerman said he hoped the Federation would have an opportunity of meeting the Minister of Labour with a view to pointing out certain directions in which some of the clauses of the new Bill might interfere with the ordinary working of the newspaper industry.

The annual report and statement of accounts were adopted.

The Council declined to accept a motion to remove from the constitution a clause providing for decisions of a committee appointed to deal with demarcation questions being settled by arbitration.

In view of the demand for increased efficiency on the part of workers in the printing industry, it was decided to submit to the Health Committee of the J.I.C. a resolution pressing for the improvement of sanitary and hygienic conditions, and the adequate equipment of factories and workshops as a necessary means to attain that increased efficiency.

An important resolution appearing on the agenda suggested that the executive councils of the affiliated unions should consider and report upon the proposal that in return for an undertaking by any employer that he would engage and retain in his employ only members of the trades unions, any question arising upon working agreements in any such office should be referred to the J.I.C. Conciliation Committee, whose findings, subject to appeal to the full Council, would be accepted as final and binding. This resolution was carried, it being distinctly understood that it provided for no more than an inquiry by the executive committee as to the views of the various executives upon the proposal.

A resolution was carried to the effect that the Printing and Kindred Trades Federation should endeavour to obtain an extension of the scope of social insurance to include all workers without regard to their earnings.

A lengthy debate took place on the question of international organisation amongst trades engaged in the printing industry, a proposal being on the agenda to the effect that steps should be taken to confer with several sectional international bodies already in existence in Europe for the purpose of bringing about an international industrial federation for the printing industry, and that such international federation should be constituted upon consultative lines, and not necessarily supersede the functions of the organisations already in existence. The resolution added that the secretary of the Federation should be empowered to

seek personal interviews with the officials of the existing international bodies and, if necessary, arrange a conference between representatives of those bodies and the executive of the Federation, and submit a report to the next annual meeting as to the whole situation. The main purpose of the resolution was approved, but the latter part of it was amended to provide that the executive should endeavour to arrange an international conference before the Federation secretary (Mr. A. E. Holmes) proceeded to secure personal interviews.

Mr. C. W. Bowerman and Mr. H. Skinner were re-elected president and vice-president respectively. Mr. R. Watson, J.P., general secretary of the Scottish T.A., was elected to the executive committee in the place of Mr. S. F. Crampin.

At the end of the business proceedings a hearty vote of thanks was accorded to the secretary, Mr. A. E. Holmes, for his valuable services during the year.

An invitation extended by the principal to view the Cambridge and County School of Arts, Crafts and Technology was taken advantage of.

On the Thursday evening the delegates were given a smoking concert at the Lion Hotel, over which Mr. J. P. Dear (Bookbinders and Machine Rulers) presided. During the evening a presentation was made to Mr. H. W. Hyde (by the Mayor of Cambridge) of a suitably inscribed cigarette case and cheque. Mr. Hyde, who has unfortunately lost his sight, was not present. He was at one time president of the Federation, and took a prominent part on the local Typographical Association, and also on the local branch of the committee of the J.I.C.

Trade Union Matters

TRAINEES AND OUT-OF-WORK PAY.—At a recent meeting of the executive council of the Typographical Association, the question was raised as to the desirability of formulating a new rule providing for the payment of Association out-of-work benefit to members undergoing technical training at technical schools. After full consideration the council directed branch secretaries to be informed of the council's decision that members undertaking full-time training at a technical school could, provided they lodged an Association credential in the branch where they were undergoing training, signed the call-book, and held themselves open to take a call, be paid Association out-of-work benefit during the period of their training.

OVERTIME CHARGES.—The executive council of the Typographical Association have had under discussion points concerning charging of overtime that have arisen at St. Albans. The St. Albans secretary stated that there was no local rule on the question of payment for meal-time breaks during overtime working, but it was customary for payment to be made in some offices for such breaks. He also asked for a ruling as to whether fractions of hours should be charged when members were called upon to work ten or fifteen minutes over the usual time. The executive council have advised the branch that there is no agreed rule on the question of meal-time breaks during overtime working, but, as the general practice was that such breaks were paid for, this custom should continue.

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INSTALL A TYPOGRAPH

Alliances of Master Printers

Annual Meetings

SOUTH-WESTERN ALLIANCE

The annual meeting of the South-Western Alliance of Master Printers was held last week at the Royal Hotel, Bristol. Prior to the meeting the company sat down to lunch as the guests of the Bristol Association under the presidency of Mr. F. T. Love.

After lunch Mr. E. O. Twitcher (president of the Alliance) took the chair, and expressed thanks to the Bristol Association for their hospitality. The secretary of the Alliance (Mr. G. F. Jones, J.P.) read his report for the year, which commented on the conference held in Bath in September and referred in appreciative terms to the work of the retiring president during the two years of his occupancy of the presidential chair. Upon the proposition of Mr. W. E. Harding (Bath), seconded by Mr. W. Townsend (Exeter), hearty thanks were accorded all the retiring officers, Mr. Twitcher suitably responding. The annual statement of accounts, presented by Mr. J. Chiney (Banbury), which showed a small balance in hand, was passed.

Mr. J. L. Milligan (Bristol) was elected as the new president, and Mr. S. Murray (Yeovil) was elected vice-president. The subscription for the year having been fixed, the meeting approved of the arrangements suggested by the committee for inaugurating the Young Master Printers' Group. Messrs. Fayers and Creher (Plymouth) reminded the company of the conference fixed to take place at Plymouth in September, and asked for a large attendance, promising that visitors should have an enjoyable time.

Mr. L. J. Cumner (assistant secretary of the Federation) addressed the gathering upon many points of Federation activity, and was cordially thanked by the president for his attendance and address.

NORTH-EASTERN ALLIANCE

The annual meeting of the North-Eastern Master Printers' Alliance was held at the Liberal Club, Newcastle, on Wednesday of last week, when the visitors were Mr. W. Maxwell (president of the Federation of Master Printers), Mr. A. E. Goodwin (director of the Federation), and Mr. F. H. Bisset (secretary of the Federation).

In the afternoon the annual meeting took place, when Mr. Walter Doig, president, presided over a good attendance. The annual report and the balance sheet recorded progress and satisfactory finance, and in moving the adoption of the reports, the president expressed his thanks for the support of the other officials.

Mr. J. C. Dresser, of Darlington, was elected president, and Mr. John Thornton, of Wallsend, vice-president. Mr. Walter Doig, Newcastle, was re-elected hon. treasurer, and Mr. R. Gibbs, Newcastle, hon. auditor.

Mr. F. H. Bisset gave an informative review of the activities of the Federation, and Mr. N. H. Patterson (Sunderland) took the place of Mr. A. Langley (London) who was unable to be present owing to indisposition, and spoke of the useful work of the Publicity and Selling Committee. The president and Mr. Goodwin also took part in this meeting.

At the invitation of Mr. Doig, the company took afternoon tea, renewing friendships and discussing the speeches to which they had just listened.

At the Alliance dinner later, Mr. Doig again presided, whilst the principal toast, that of "The Federation of Master Printers," coupled with the names of Messrs. Maxwell and Goodwin, was proposed by Mr. J. C. Dresser.

Responding, the Federation president counselled the young men of the industry to know their business thoroughly, to take a keen interest in the requirements of their customers, and to take pride in the fact that they were creating something to be read by others, which he considered to be the greatest joy in life.

MR. GOODWIN ON MUNICIPAL PRINTING

Mr. Goodwin also responded to the toast, referring to current legislative matters affecting the industry, postal reform, and the proposals of the Joint Industrial Council for the betterment of the industry. The speaker also referred to the movement to establish municipal printing establishments in various towns, and said it was an accepted fact that the big industrial firms who had established their own printing departments some years ago, had, in the great majority of cases, sold the plant, either by auction or privately, and had decided to get their printing in the open market. Printing should not, and could not, be a side line, it was a job for specialists. He said that a strong Federation was more necessary now than ever before, owing to the complexity of the problems which had to be faced.

Mr. C. F. Bowes, proposing the toast of "The Ladies," coupled with it the name of Miss Maxwell, who made a charming response.

NORTH-WESTERN ALLIANCE

The annual conference of the North-Western Alliance of the National Federation of Master Printers and Allied Trades was held at Keswick during the week-end.

Mr. J. R. Williams, Whitehaven, presided, and was re-elected for a second year of office, with Messrs. J. Halstead, Junr., and J. E. Etchells, Carlisle (vice-presidents), Mr. J. B. Smith, Whitehaven (hon. secretary and treasurer), and Messrs. G. W. McKane, Keswick; T. S. Robinson, Carlisle; F. Stout and M. Moss, Whitehaven, were added to the executive.

Mr. A. E. Goodwin, director of the Federation, said they were justifiably proud of the excellent relations existing between their organisations and the trade unions. There was no district committee of the Joint Industrial Council in that area, and he suggested that they would be able to start one as an experiment.

Mr. William Maxwell, president of the National Federation, emphasised the importance of bringing forward young master printers, and suggested that the North-Western and North-Eastern Alliances might consider a joint young master printers' conference.

Captain Bemrose, chairman of the Costing Committee, gave an excellent address on costing, and showed its value to the smaller printers in isolated districts. He mentioned a number of new projects which the Technical Committee had in hand, and urged general support of their recommendations.

SELECTION OF APPRENTICES

Speaking at the luncheon afterwards, Mr. Maxwell said he had advocated that no apprentice should be put into training without undergoing three searching

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examinations: medical, educational, and psychological. No boy who had any tuberculous tendency or history in his family should be accepted in any circumstances for any department of the printing trade, because, unfortunately, it was one in which that disability could be fostered and developed. They had the scheme working at Edinburgh, and only last month fourteen boys were sent up for examination and seven were turned down as being entirely hopeless from the educational point of view.

Mr. A. E. Goodwin (director of the Federation) expressed the view that there was a need for greater facilities for technical education in the district. He also said he thought Lakeland might do more to make its beauties and attractions known and to attract more of the Americans who came over and spent so much money and time on the Continent.

Mr. F. H. Bisset (secretary of the Federation) referred to the service rendered to individual members by the Federation. He gave examples of the inquiries received—some of which were very curious—and stated that it was very seldom that resources at Headquarters were unable to cope with demands.

The Trend in Accountancy

S.W. London Printers' Discussion

The concluding lecture of the "Trend of Events" series, organised by the South-West London Master Printers Association was given by Mr. Hector V. Wiles on Tuesday last week, entitled "The Pulse of Your Business at a Glance."

Unfortunately, the new president, Mr. J. H. Quinn, was prevented by serious illness from being present, but the chair was very ably taken in his absence by Mr. G. Rangecroft, the vice-president, who was supported by a very good attendance.

Mr. Wiles, an enthusiastic advocate of the loose-leaf system of book-keeping, contended that by this means it was possible in the minimum of time to ascertain any fact whatsoever concerning any particular job.

Handing round to his audience specimen loose-leaf ledger sheets, Mr. Wiles very thoroughly explained each item of the system, showing how it enabled the printer by simply turning up any particular job to ascertain speedily the cost, charge and any other required details.

Points touched upon by Mr. Wiles in the course of his address included the monthly debit and credit balances, keeping check of slow payers, the cost of speculative and house advertising, the recording of stocks of customers' paper, and so on.

In the ensuing discussion the chief point raised was whether the loose-leaf system was actually an improvement on the ledger system as regards saving of time and general accuracy. Mr. Wiles very ably replied, mentioning that one important piece of evidence in favour of the loose-leaf system was that it was now being adopted by the banks in place of the old system of ledgers.

A vote of thanks to the speaker, proposed by Mr. R. B. Simnett and seconded by Mr. E. G. Cole, was heartily accorded.

Members are asked to note that at the next meeting of the Association on *Tuesday, May 27th*, there will be a discussion on the series of lectures on "The Trend of Events."

F.M.P. Annual Gatherings

Arrangements for Edinburgh

All records in attendance at the annual meetings of the Federation of Master Printers are likely to be broken this year.

The meetings, which, as previously announced, take place at Edinburgh from May 31st—June 4th, will cover a wide variety of events. The programme begins on Saturday, May 31st, at 8 p.m., and arrangements have been made for a special party to leave London on Saturday morning at 9.50, to arrive in good time for the reception and dance, which will be held by invitation of the Lord Provost, Magistrates and Councillors of the City of Edinburgh in the Assembly Rooms, George Street.

On Sunday, June 1st, there will be a special church service in St. Giles' Cathedral. The sermon will be preached by the Very Rev. Charles L. Warr, Dean of the Order of the Thistle and of the Chapel Royal in Scotland. At 7.30 p.m. there is a concert in the Assembly Rooms, George Street. On the same evening the Young Master Printers are holding an informal dinner at the Imperial Hotel, Leith Street.

At 9.30 a.m. on Monday, June 2nd, the Cost Congress commences at the Freemasons' Hall, 5, George Street. In the afternoon there will be a charabanc tour for ladies only, starting from the Freemasons' Hall, 98, George Street, visiting places of historical interest in Edinburgh and district. In the afternoon also there is the Publicity and Selling Congress at the Freemasons' Hall, George Street.

At 8 p.m. there will be a reception, dance and whist drive by invitation of the Scottish Alliance of Employers in the Printing and Kindred Trades, at the Assembly Rooms, George Street.

On Tuesday, June 3rd, the Federation annual general meeting will be held at Freemasons' Hall, George Street, and at the same time there will be a Y.M.P.'s Congress. There will also be a motor tour for ladies only, starting from the Freemasons' Hall, George Street, to the Scott country—Bemersyde, Dryburgh Abbey, Melrose Abbey, Galashiels, the Tweed Valley, and Peebles will be visited.

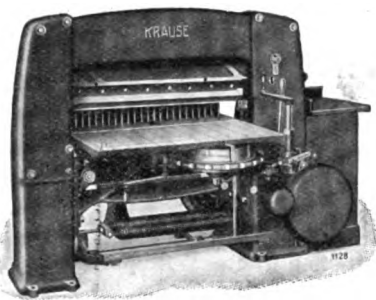
Another feature of Tuesday's programme will be conducted tours round places of historical interest in Edinburgh. The Federation annual banquet takes place in the evening at the Assembly Rooms, George Street.

Wednesday's programme consists of a steamer excursion on the Firth of Clyde. A special train leaves Waverley Station, Edinburgh, for Craigendoran, where the party will embark on the steamer "Waverley." The steamer will pass through the Kyles of Bute and visit many beautiful lochs. Lunch and tea will be served on board.

The proceedings close with a concert and dance in the North British Station Hotel, Princes Street.

Arrangements have been made for the usual golfing competitions—the ladies' competition on the forenoon of Monday, June 2nd, and the gentlemen's competitions on the afternoon of Tuesday, June 3rd. Full particulars of these will be issued to members of the Master Printers' Golfing Society, by Captain E. Jefferson, honorary secretary, M.P. Golfing Society, c/o Kenrick and Jefferson, Ltd., West Bromwich. As only members of the Golfing Society are eligible to compete in the competitions, those who are not members should apply to Captain Jefferson, remitting the sum of 10s. 6d. as entrance fee to the society.

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IX.—CASING-IN AND PAPER COVERING

We have now arrived at a definite stage in our task. The books are ready in every particular for the process of casing-in, and the cases are ready for the volumes—with the exception of the blocking, with which we will deal fully in the next article.

It is necessary to impart to the hollow of the case—actually, the “back” or “spine,” as you will—a curve corresponding with the curve of the rounded volume. This can be done very simply by folding the case back, grasping the two boards together in one hand, and pressing the inside of the spine against a slightly heated pipe, shaped to suit the job, the heat being perhaps a small gas jet, or hot water within the pipe. At best this is a slow and primitive method of doing the job, and the modern binder will use a back-forming machine.

The Smyth Case Back Forming Machine is entirely automatic in action. The cases are fed from a hopper and travel along an electrically-heated forming bar, which puts the correct shape in the back at the same time that the creasers impart a definite crease in the back, along the edge of the boards. The cases are then delivered from the machine into a lay-boy in which they are evenly stacked without damage to the backs. The formers are a yard long, so each case receives plenty of heat to form it perfectly. It has been found that in addition to the actual process of shaping the back, the use of the automatic former greatly adds to the appearance of the back of the case by reason of the “ironing” which the case undergoes in travelling the length of the “former.” The use of the back-forming machine also adds to the productivity of the casing-in machine, as uniformity is absolutely certain once the machine is set. The machine will handle cases from 7½ in. x 5½ in. up to 22 in. x 14 in., and with back thickness from 15/16 in. to 2½ in. between the boards. The average speed is from 40 to 70 cases per minute according to size.

CASING-IN

The placing of a book within its cover and gluing-down the endpapers is the whole process of casing-in, and, done by hand, is a simple operation, yet one that requires skill and experience. The back endpaper of the book is glued all over with a glue which is just thin enough to sweep easily over the surface with the least amount of brush movement, care being taken that the mull and joint are well covered. The book is turned over and laid down square on the back board, and the process repeated on the front end of the volume. The front board is now drawn over, properly squared up, and the book is given a nip in the press, from which it is then taken out, and allowed to dry under a weight. And so the book is complete.

CASING-IN MACHINES

The Murray Casing-In Machine, Fig. 1 (Messrs. Sheridan Machinery Co., Ltd.), is actually the third unit of the Murray Combination, and has a speed of up to 16 books per minute and will case books from 4½ in. x 3½ in. up to 10 in. x 7 in. The books are fed by being centred on a supporting book blade, and the adhesive

is exactly and uniformly distributed below the joint, over the mull, and over the endpaper, with just sufficient quantity to secure perfect adhesion, and this with-

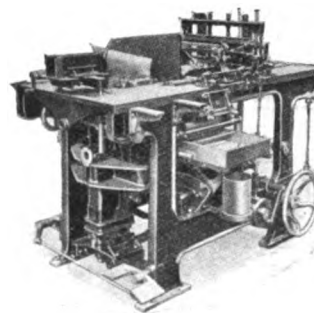


FIG. 1.—MURRAY CASING-IN MACHINE

out excess at any point. This machine can be managed with one operator without loss of production, and it rounds and forms the cases to fit the joints of the books automatically on electrically-heated formers, producing

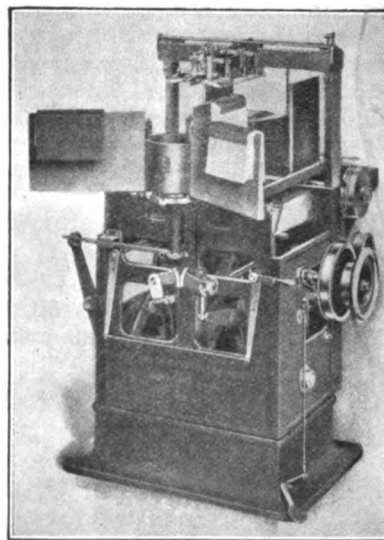


FIG. 2.—SMYTH CASING-IN MACHINE.

work of a uniformly high quality under the most exacting conditions.

The Smyth Casing-in Machine, Fig. 2 (Messrs. Smyth-Horne, Ltd.), has a speed of up to 20 books per minute and will handle covers from 4 in. x 7½ in. up to 14 in. x 22 in. These machines produce a standard of work which could hardly be equalled by hand, the paste being applied to the sides of the books in an absolutely even film, extra adhesive being allowed at the joints to provide for tapes and mull. The application of the

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For the operation of pressing there are many different styles of presses, from the handy nipping press to the hydraulic. The modern method for pres-

width. Books which are collated only, thread stitched or thread sewn, or wire stabbed, can all be handled with equal facility. A blower apparatus is incorporated in the machine for drying the glue on the backs. The machine will deal effectively with books from 5in. x 4in. up to 14½in. x 10in. The covers may consist of heavy or light paper or even card; overhanging covers can also be applied. The change from flush to overhanging work takes only a few moments, the same rate of speed being maintained in both cases.

London's Bookbinding Trade

Chamber of Commerce Report

The bookbinding section of the London Chamber of Commerce—of which the chairman is Mr. Lewis G. Kitcat, and the deputy chairman, Captain Douglas Leighton—makes a short contribution to the annual report of the Chamber, adopted at the recent annual meeting.

The year, it is stated, passed smoothly in the book-binding industry. Business was on much the same scale as in 1928, and no serious difficulties supervened on the labour side. The list of members of the Section is almost identical with that of the Master Bookbinders' Association. A weekly lunch and meeting are held at the Holborn Restaurant (Tuesdays).

WAGES AND PIECE RATES.—Time rates remained unchanged as also, generally speaking, did piece rates. In the case of the latter, however, there were certain modifications and additions, in so far as the women's rates were concerned, whilst prices were fixed, from time to time, in conference with the union, for particular jobs. The operations, prices for which were under discussion, included inserting 4 pp. plates (sewing); lifting and laying in 4 pp. plates (folding); sewing sheets slightly over second size for which no third size price is noted; placing 4-fold maps; tissues on plates (sewing); Smyth 4-arm (sewing); long 12 pp. with turn after first fold; plates tipped on (sewing); the 50 per cent. and 100 per cent. extras on sewing; guarded (hooked) plates; slit at head by placer (sewing); 8 pp. and 16 pp. 4-on sheets (folding); plate folding; and cutting off. A proposal entirely to remodel the extras on the sewing prices was put forward.

Other subjects relating to, or affecting, the remuneration of the workers were whether, and if so what, payment should be made whilst machines are idle by reason of a breakdown; the definition of thin paper; women pieceworkers' 3s. 6d. deduction; casemaking prices (canvas); the definition of art paper; and the question of imitation art paper.

HOURS AND HOLIDAYS.—Under this heading two points of interest arose, the extent to which absence through illness should be taken into account in calculating the summer holiday, and the making up, after hours, of lost time. Instances of uncertainty as to whether, in particular circumstances, payment was due for Bank Holidays had also to be settled.

DEMARCATON OF LABOUR.—It is seldom, nowadays, that any difficulty arises in this connection. Two operations, however, bearing upon it, required consideration in 1929, viz., the inserting of folded maps in bound books and tying up with string.

SAFEGUARDING.—It was decided to co-operate with others likely to be affected, in opposing an application for a duty upon printing and bookbinding machinery.

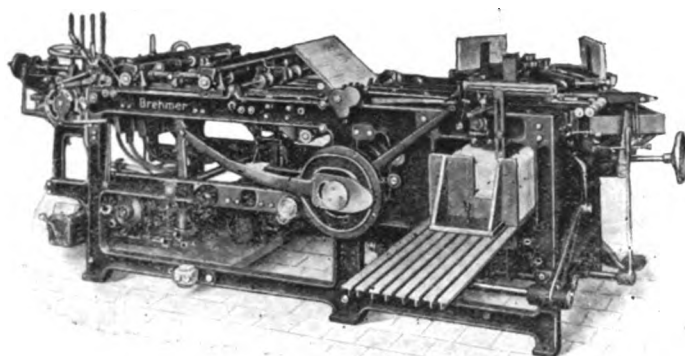


FIG. 3.—PAPER COVERING MACHINE (AUG. BREHMER)

sing cased-in work reduces the number of presses required. The standard press equipment consists of a top and bottom board, grooved at the end, to admit of the insertion of iron rods, held together by means of hand wheels. The pile of books is placed in the press and pressure as required is applied. When full pressure is reached, the iron rods referred to are correctly inserted in the top and bottom boards, and adjusted by screwing so as to retain the pressure after withdrawal from the press. The pile of books, still under pressure, is withdrawn on a small truck and stored away. The press itself is ready almost at once for the reception of another lot of books. Later on the books can be released from the standard equipment by the unscrewing of the rods, when it will be found that the books have been pressed thoroughly, although in the press itself for only a few minutes.

PAPER COVERING

The Hinged Paper Covering Machine No. 65, Fig. 3 (Messrs. Aug. Brehmer's (British) Successor, Ltd.), covers upwards of 2,000 booklets per hour, and will in one operation glue the book backs, feed the cover automatically from the stack, will add if necessary to the cover two or four bends, glue the back of the book cover up to the bends at the side, then draw the cover over, rubbing down the back and sides where glued, finally delivering the finished book into the delivery section, all the time applying pressure right up to the last moment. The machine will stop automatically when the pile of covers is run off, or should a cover fail to be fed into the machine. The application of the glue is ribbon fashion, and as such is adjustable as to

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The application has been withdrawn, temporarily at least, doubtless by reason of the announcement of the new Government that all such duties are to be abolished.

U.S.A. TARIFF.—The proposal to increase from 30 per cent. to 50 per cent. the U.S. Tariff on bookbindings or covers wholly or in part leather, led the Section strongly to urge the Government to protest, and the representations were transmitted by the Foreign Office to H.M. Ambassador in Washington for such action as might be found possible. It is interesting to note that the American craftsman requires such a large measure of protection in order to compete with his British confrère.

Sympathetic reference is made in the report to the centenary of the founding of the Bookbinders' Cottage Homes and Pension Society occurring in 1930, and the Centenary Fund.

Under the heading of "Obituary," tribute is paid to the achievements of the late Mr. Cedric Chivers, of Bath; also to the late Mr. Howard Hazell.

It is recalled that the binders are represented on the Council and Labour Committee of the Federation of Master Printers by Mr. Lewis G. Kiteat and Major Robert Leighton. The latter is also a member of the Organisation Committee, the Wage Basis Sub-Committee, the Regrading Sub-Committee, and the Binders' and Paper Workers' Sub-Committee.

Imperial Press Conference

Arrangements for the Imperial Press Conference, to be held in this country during June, are now nearing completion.

At this, the fourth of the series of conferences so far arranged by the Empire Press Union, the proprietors of the newspaper and periodical Press of Great Britain and Northern Ireland will be the hosts of approximately 100 newspaper proprietors and editors from the Dominions and Colonies and from India, during their passages to and from England and during a programme in the British Isles extending throughout June.

ORGANISING COMMITTEE

The organisation of the conference is in the hands of the following committee, appointed by the Empire Press Union: Major the Hon. J. J. Astor, M.P. (chairman of the Council of the Empire Press Union, and also of the committee); Lord Riddell (president of the Newspaper Proprietors' Association); Mr. N. B. Graham (the Newspaper Society); Sir Roderick Jones (Reuter's, Ltd.); Mr. Percival Marshall (chairman of the Periodical, Trade Press, and Weekly Newspaper Proprietors' Association); Mr. Cecil Harmsworth; Sir Edward Hiffe; Mr. R. D. Blumenfeld; Sir Harry Brittain; Sir Campbell Stuart; Sir Robert Donald; Mr. J. C. Akerman. Mr. H. E. Turner, general secretary of the Empire Press Union, is secretary to the committee.

THE School of Art sub-committee of the Birmingham Education Committee report that the school of printing is now the largest department, having 350 students, and the proposal is to erect a building on a site in Frederick Street held on lease from the Governors of King Edward's School for the purpose of this school, and thus relieve the pressure on the accommodation at the Art School in Margaret Street.

Binders' Overseers' Association The May Meeting

Members attended in good numbers the May meeting of the Printing, Bookbinding and Kindred Trades Overseers Association on Tuesday last week at St. Bride Institute, Bride Lane, E.C.4. The meeting was presided over by Mr. J. A. Esler (president), who was supported by Mr. Maurice Hunt (vice-president).

THE LATE MR. F. C. PEACOCK

After the passing of the minutes, the chairman referred in suitable words to the death since the last meeting of Mr. F. C. Peacock, one of the founders of the Association and a past president. In his tribute Mr. Esler said that the late Mr. Peacock was an assiduous and devoted servant of the Association and thorough in everything he touched. Mr. Peacock's interest in the Association never lessened, and in every way he had endeared himself to the members and to the industry generally.

In response to the chairman's request, the members then stood for a few moments' silence as a mark of respect to their late colleague.

The following candidates were next elected to membership: Honorary—Mr. Robert Cordwell (Messrs. R. Cordwell and Co.); Ordinary—Mr. John E. Rawlings (overseer, ruling department—Messrs. R. T. Tanner and Co., Ltd.).

Upon their unanimous election the chairman extended to each of the new members congratulations and good wishes.

Amongst the items of correspondence was a letter from Mr. Geo. A. Eden (the late general secretary of the Association). The letter—sent from Manchester—was couched in terms of much-appreciated humour and contained greetings and good wishes to the Association.

VISIT TO JACKSON'S MILL

The meeting next discussed arrangements for the Association's visit to Jackson's Millboard and Paper Co., Ltd., at Bourne End, Bucks, on June 14th. In connection with this proposed visit the chairman expressed thanks to the directors of the mill and to Mr. Tom Goodall for the interest they were taking in the matter. Messrs. Tom Hunt and B. J. Sansom were elected stewards for the outing.

Mr. J. A. Goldbourne, one of the stewards of the annual dinner, next presented the balance-sheet of this popular function. Mr. Goldbourne reported to that meeting a deficit of only a little over £1, a statement which met with much satisfaction and which brought forth congratulations to the stewards for the excellent way the arrangements had been carried through.

The remainder of the evening was devoted to a lecture by Mr. A. J. Daines, a past president of the Association, who took as his subject "Evolution," succeeding, as he always does, in greatly interesting his hearers. In the course of his address Mr. Daines, in an uncontroversial way, touched on various aspects of the question, revealing himself as an enthusiast and master of his subject.

The chairman, in conveying the thanks of the meeting to Mr. Daines expressed disagreement with several of his views, but heartily congratulated him on his very entertaining address.

TAXING POSTERS.—By a one-vote majority the State of New Jersey has adopted a bill imposing a tax of three cents per square foot on outdoor advertising.

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Bookbinders' Cottage Homes

Society's Annual Meeting

Not many trade organisations can boast of having been in existence for a century. Amongst those that can do so must be reckoned the Bookbinders' Cottage Homes and Pensions Society, whose annual meeting—held at the Memorial Hall, Farringdon Street, the other day—was the one-hundredth.

On this notable occasion, Mr. Lewis G. Kitcat presided over a large meeting of officers and members, and in his opening remarks referred to the fact that four generations of his family had been associated with the Society. He said its work should appeal to all members of the trade and should receive greater support. He considered that the work accomplished during its hundred years of existence was remarkable, and spoke well for the energy and enthusiasm displayed by the trade during that period for its aged and incapacitated members. With regard to the celebrations of the Centenary, he was very pleased with the manner in which all members had subscribed to the Endowment Fund, and he hoped that when the Festival Banquet took place, in the autumn, the balance of the £10,000 required would be secured, and the upkeep of Cottage Homes provided for, thus releasing all subscriptions for the payment of Pensioners.

The committee's annual report, which the secretary read, showed that 83 pensioners had been provided for, at a cost of £2,600, but owing to decrease of subscriptions there was a deficit on the year's work. In spite of that, however, it had been decided to elect twelve men and women to full benefit, and seven men and women to special pensions, as it was considered an effort should be made to celebrate the Centenary. Thanks were given to Mr. A. C. Nevitt for his collection of £40 11s. from master bookbinders and friends for Christmas gifts to pensioners and to the P. & A.T. Charity Sports Association for donation of £65, proceeds of Swimming Gala. It was also stated that the late Alderman Cedric Chivers, Mayor of Bath, had bequeathed £500 to the Society. Mr. G. R. Hall Caine, C.B.E., and Mr. L. G. Kitcat were thanked for the gift of trophies to be awarded this year to shops subscribing the greatest average amounts to the Centenary Fund, and in future years to those subscribing similarly to the General Fund. Reference was made to the Excursion Committee for its work in taking pensioners out to Kew for a day's holiday.

The thanks of the meeting were given to the officers (responded to by Messrs. J. G. Bain and A. C. Nevitt) and to the honorary shop collectors.

The secretary (Mr. George W. Knight) announced the result of the ballot of successful pensioners.

The chairman announced the result of the competition for trophies, which showed that Messrs. Zaehnsdorf's employees were entitled to Mr. Hall Caine's shield for shops of over 25, and Messrs. H. T. Wood's to Mr. L. G. Kitcat's shield for shops of over 10 to 25 employees. These shields were presented by the chairman to the representatives of the firms, amidst applause.

A most enthusiastic vote of thanks was accorded the chairman at the conclusion of the meeting.

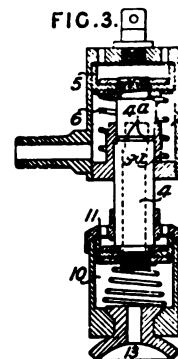
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New Inventions

Full copies of published specifications (1s. each) can be obtained from the Patent Office, 25, Southampton-buildings, London, W.C.2

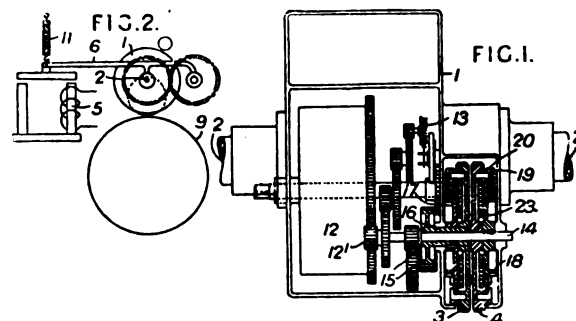
FEEDING AND SEPARATING SHEETS

Mr. G. E. Hider has patented an invention whereby sheets of metal, cardboard, etc., are separated from a stack by suction separators moved to and from the stack by suction-operated means, the separated sheet being subsequently advanced by feeding means such as described in Specification 296,821. The suction separator 13 is attached to a cylinder 10 in which is fitted a piston 11 connected to the rod 4 of a piston 5 working in a fixed cylinder 1. The piston 5 is normally raised by a spring 6, but when the air pressure is reduced in cylinder 1 the piston 5 is depressed and the piston 11 and separator 13 are moved into contact with the top sheet of a stack. On further movement of the piston 5 connection is established from cylinder 1 through ports 3^a, 4^a in the piston 4 to the cylinder 10, and this is raised by air pressure relatively to piston 11, thus lifting the sheet attached by suction to the separator 13, and the sheet is then advanced as in the prior Specification, or by other means.—316,501.



TIME PRINTING APPARATUS

A rotary printing-machine for newspaper and similar productions, as patented by Messrs. H. V. James and C. Nunn, is provided with automatically changing time-printing apparatus. As shown, type-wheels 3, 4 advanced each hour and each five minutes respectively project from a rotary casing 1 arranged adjacent to an impression cylinder 9 over which a paper web



passes. The wheels are advanced by clock mechanism, which comprises a spring barrel 12 controlled by an escapement 13 and adapted to rotate a gear 12' driving a shaft 14 directly and a sleeve 16 through 12-1 reduction gears 15. The shaft 14 carries a disc 17 provided with cam teeth 18 which periodically raise a spring plunger 19 out of one of a series of notches 20 in a flange on the type-wheel 4, which is then moved one step forward by a spring 23 fixed at one end to the wheel 4 and at the other end to the disc 17 and therefore tensioned by the rotation of the latter. By similar mechanism the type wheel 3 is rotated by the sleeve 16. The gear 12' may drive the type-wheels through a clutch so that the wheels may be adjusted.

Tripping-arrangements.—The casing 1 is fixed on shafts 2 mounted in a swinging frame 6, Fig. 2, which is lowered to bring the type-wheels 3, 4 down on to the paper by an electromagnet 5 energised when the machine is started. A spring 11 raises the frame 6 when the machine is stopped.—322,247.

New British Patents

APPLICATIONS

Bergstein, S. Paper-box-making machines. 10,804.
Budd Manufacturing Co., E. G. Sheet-feeding devices. 10,425.
Caen, H. Cardboard boxes. 10,114.
Dresden-Leipziger Schnellpressenfabrik Akt.-Ges., and Liebusch, M. Sheet-printing presses. 10,600.
Foster and Sons, Ltd., J., Bradshaw, R., and Wilkinson, M. L. Locking stereoplates, etc., to printing-machine cylinders. 10,359.
Foster and Sons, Ltd., J., and Bradshaw, R. Pin or needle cylinders for rotary web-printing machines, etc. 10,360.
Haward, E. W., Hewitt, A., London Electric Warehouse Co. Ltd., and Meldrum, T. S. Intaglio printing. 10,334; 10,667.
Impey, F. L. Loose-leaf binders. 10,154.
Rembrandt Intaglio Printing Co., Ltd. Photography. 10,365.

SPECIFICATIONS PUBLISHED

1928.

Pusino, O. Method and apparatus for composing and decomposing type. 304,312.
Riley, S., Mercer, J. E., and Jones, S. H. Paper containers for liquids. 327,195.
Robinson, F. G., and Robinson, Ltd., E. S. and A. Cardboard or the like boxes or cartons. 327,167.

1929.

Adrema Maschinenbauges. Guards for address printing machines and similar printing machines. 310,930.
Booth, J. B. S., and Lanston Monotype Corporation, Ltd. Typographic casting machines. 327,204.
Camco (Machinery), Ltd. Folding or similar machines for operating on paper sheets. 308,682.
Hesser Maschinenfabrik Akt.-Ges., F. Ejecting devices in the folding mandrels of paper bag making machines. 318,170.
I.G. Farbenindustrie Akt.-Ges. Smoothing paper. 310,340.
Moore, T. M. Envelopes. 327,231.
Schnellpressenfabrik Koenig and Bauer Akt.-Ges. Process for manufacturing printing plates. 313,436.

COMPLETE SPECIFICATIONS OPEN TO PUBLIC INSPECTION BEFORE ACCEPTANCE

1930

Baudoin, R. Process for the preparation of a printing block without metal. 6,511.
Ludlow Typograph Co. Machines for making printers' leads, slugs, rules, and the like. 6,689.
Maschinenfabrik Augsburg-Nurnberg Akt.-Ges. Rotary intaglio sheet-printing machines for perfecting. 6,573.
Maschinenfabrik Augsburg-Nurnberg Akt.-Ges. Multi-colour printing machines. 7,395.

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The beautiful results obtainable by machine composition in high-class book production are strikingly demonstrated at an exhibition of Linotype printed books, arranged by Messrs. Linotype and Machinery, Ltd., which the Lord Mayor, Sir William Waterlow, K.B.E., J.P., opened at the Imperial Institute, Kensington, on Monday.

Besides the Lord Mayor, there were present, amongst many others, Mr. George W. Jones, Lieut.-General Sir William Furse (director of the Imperial Institute), Mr. T. E. Naylor, J.P., M.P., Mr. W. H. Lock, and Mr. G. W. Davis.

LORD MAYOR'S PRAISE

In opening the exhibition, Sir William Waterlow showed himself impressed with the extent and quality of the work shown. His own connection with print, he remarked, had been what might almost be called a commercial connection—although he could claim that the firms he had been associated with had turned out some very good work. Nevertheless the mere association over a number of years with print did enable him to realise fully the beauties of the printed page as displayed at that exhibition.

Referring to the presence of Mr. Geo. W. Jones, the Lord Mayor said that the printers of this country ought to be tremendously proud that they had among them a man whose work was regarded all over the world where the printed page appeared as that of a master of the craft of printing. Mr. Jones had devoted practically the whole of his life to the improvement of the printed book, and he (the Lord Mayor) was glad to know that some recognition of what Mr. Jones had done was shortly to be shown by his being entertained on the occasion of his seventieth birthday.

In conclusion Sir William mentioned the fact that he had been presented with a very beautiful copy of the exhibition catalogue, which he would retain as not the least happy memento of his year of office.

NOTABLE EXHIBITS

The exhibition, which is open until May 24th, will be found instructive as well as fascinating for lovers of fine printing. Beauty and utility—always a feature of Linotype work—are prominent in every book shown.

There is a distinct old-world charm about a sixteen-page work entitled "Henri and Robert Estienne, a distinguished family of French printers, of the 16th century," which, printed in Linotype Estienne, will delight the collector; at the same time the great versatility of the Linotype is shown in contrast by a brochure, "The Daimler 'Twenty-Five,'" a beautiful piece of work very much of the 20th century, printed in Linotype Granjon. Interesting also is the programme of the Federation of Master Printers' exhibit at Olympia, keeping company with a work notable just now from many points of view—namely, "The Testament of Beauty," by Robert Bridges, the late Poet Laureate. This special edition was designed by Walter M. Patterson, and published by the Oxford

University Press; it comes from the press of William Edwin Rudge, the famous American printer, and is set in Linotype Estienne. Another edition of the same work is also set in Linotype Estienne, and is particularly interesting in that it is reproduced by the Aquatone process, reduced from the original fourteen-point to approximately ten-point size.

There are a number of books of particular appeal for those interested in first editions and editions-de-luxe. One such volume is the English rendering by James Clough of "The Odes and Sonnets of Garcilaso de la Vega." This edition was limited to ten copies on vellum and 250 on fine Dutch paper. It was published by the Aquala Press, and, printed by George W. Jones of London, was the first book to appear in this country set in Linotype Estienne.

Linotype Scotch Roman is exemplified in "Hitty. Her First Hundred Years," by Rachel Field, and other works. "Alfred Nobel" is a delightful publication from Heinemanns, dealing with the life and work of the famous scientist and the history of the Nobel prizes. This edition was specially printed for the Nobel Foundation and Dr. Emmanuel Nobel, and was limited to 100 copies. It is set in Linotype Caslon No. 2.

Prominent amongst other fine examples of the printers' art are "The Dance," which is an historical survey of dancing in Europe, by Cecil J. Sharp and A. P. Oppé. This was printed in London by Messrs Morton, Burt and Sons, Ltd., in Linotype Recut Old Face. "A Calendar, 1523-1923," with plates representing the twelve ages of man from a Book of Hours printed by Thielmann Kerver in Paris in 1522 (from the press of Geo. W. Jones, set in Linotype Benedictine), and "The Golden Age of Sail," Frank G. Bowen's treatment of Indianmen, Packets and Clipper ships, set in Linotype Ronaldson.

Not the least interesting exhibit is a No. 4 three-magazine Linotype composing machine, which is in full operation. There are also skeleton models illustrating the working of the Linotype. The catalogue of the exhibition is itself a triumph. It is beautifully printed in Linotype Estienne, on deckle-edged paper, and conveys the atmosphere of fine printing that pervades all the work displayed.

Stationers' Company Dinner

The Lord Mayor, as Master of the Stationers' Company, presided at a livery dinner held at Stationers' Hall last Thursday.

Replying to the toast of "The Visitors," proposed by Major Stanley Low, Admiral Sir William Goodenough paid a tribute to the art of the printer and stationer. As a member of the Geographical Society he suggested that it might be applied with advantage to the lettering of maps.

Dr. H. B. Brackenbury proposed the toast of "The Company," and the Lord Mayor, in the course of his reply, advocated a revival of the old City apprenticeship system, and said it was a fine thing for a boy to serve under such an indenture.

An excellent musical programme was presented during the evening.

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Printers' Managers and Overseers Association Concert

Mr. G. W. Hobson's company in "Mirth and Melody" made the May meeting of the Printers' Managers and Overseers Association a pleasantly recreational event. A large gathering of members was presided over by Mr. A. T. Walters (president), who was supported by the vice-president and other officers.

The general secretary having read the minutes, the proposed re-admission of a candidate for membership—Mr. E. A. Mynott (Globe Rotary Press, Ltd., 32, Fleet Lane, E.C., general manager)—was cordially approved, and Mr. Mynott was given a personal welcome. The president and members also welcomed Mr. F. Heyhurst, lately of Glasgow and now transferred to London.

The few other items of business transacted included the adoption of a recommendation by the Council "that the president, vice-president, editor and general secretary, with Messrs. W. W. Curtis, W. H. Gill, A. H. Wilson, and two members to be elected by the general meeting, represent the Parent Association at the June United Gathering." An election (by show of hands) resulted in Messrs. Freeman and Jarvis being chosen to accompany the specified representatives.

The president thanked the stewards for the very pleasant evening provided at the Hotel Cecil on the occasion of the recent annual dinner, and individually thanked the general secretary for what he called the "absolute acme" of a successful dinner.

Mr. Walters also took the opportunity to thank Messrs. G. H. T. Freeman, R. H. Berry and W. W. Curtis for their hard work on behalf of the P.M. & O.A. candidates at the Printers' Pension election. Nine out of the ten candidates put forward were successful.

A comprehensive concert programme, consisting of numerous items grave and gay, was ably presented by Mr. G. W. Hobson's company—the Misses Gooden, Mackenzie, Goodson and Moore, with Messrs. Etty, Puttnam and Hobson. These entertainers were all very cordially received, and at the close of the concert a vote of thanks was passed to them with enthusiasm, the proposer being Mr. R. W. Oxbrow and the seconder

Mr. S. A. Dawson. Mr. E. H. Campling replied on behalf of the Lecture and Entertainment Committee, whilst Mr. Etty voiced the thanks of the artistes. The proceedings closed with "Auld Lang Syne" and the National Anthem.

Country News

SHEFFIELD

A SUGGESTION placed before Sheffield City Council on Wednesday last week that all heads of Corporation departments should order office requisites and office furniture through the Municipal Printing Department, met with strong opposition by members of the Citizens and Conservative Parties. An amendment was moved that so much of the minutes as referred to office requisites and furniture be not confirmed, but it was defeated and the original recommendation was approved.

MR. T. E. HILL (National Father) presided at the biennial conference of the National News Guild at Sheffield, when a civic reception to the delegates was extended by the Lord Mayor. Mr. Hill, in his presidential address, said the primary object of the Guild was the formation of a News Section within the jurisdiction of the Typographical Association, and the question would be brought up at the coming delegate meeting of the Typographical Association at Blackpool. Mr. Hill was re-elected president (that title being adopted in lieu of "father"), and Mr. D. MacLoughlin (Leeds) vice-president, with Mr. F. J. Freeman, of Liverpool, secretary-treasurer.

NEWCASTLE-ON-TYNE

WHAT was described as the biggest dinner party ever held in the provinces was held by the *Evening World* at Newcastle on Friday in celebration of its first anniversary. Guests attended from all parts of the paper's circulation area, and a huge birthday cake bearing one candle was cut by the editor, Mr. D. Polson. The guests included the Lord Mayor and the Sheriff of Newcastle, and the speakers included Sir George Renwick, Mr. W. A. MacWhirter (managing director), Mr. W. G. Mitchell (president of the National Union of Journalists), and Mr. T. W. Rowland (representing the Typographical Association).

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P. & A.T. Charity Sports Association Football Section Prize-Giving

The annual concert and presentation of cups and medals awarded by the Football Section of the Printing and Allied Trades Charity Sports Association was held at the Talbot Restaurant, London Wall, on Saturday last, when a large and representative gathering was present. The chair was occupied by Mr. Geo. V. Maddams, of Fry's Metal Foundries, who was supported by Messrs. P. M. Parish, G. W. Gibson, J. O'Riordan, H. Tate, H. F. Parker, A. E. Jones, and Mrs. A. E. Jones, the last-named distributing the prizes in Mrs. G. V. Maddams' absence. Among the visitors was Mr. Gunnar Hartmann, manager for the British Isles for Funditor, Ltd., makers of the popular electric heater for typesetting machines.

"SUCCESS TO THE SECTION"

Mr. G. V. Maddams, in proposing success to the Football Section, said that he was in the winning team that played for the Sportsman's Cup when it was first put up for competition. He afterwards became the hon. secretary of the Football Section, and did his best to make it a valuable adjunct to trade charities; he passed the reins of office to Mr. Geo. H. Marks, who retired after giving two years' service to the association. It was a special privilege and pleasure to occupy the chair on this occasion and to wish continued luck and prosperity to the clubs taking part in the competition.

Mr. Geo. H. Marks, the chairman of the Football Section, said he thanked Mr. Maddams for the kind reference made to himself. He had known and had also worked with their chairman for many years, and a better sportsman and friend it would be difficult to find. He was sure that all present were pleased to have him with them that evening, but it was with sincere regret that he learned that Mrs. Maddams was unable to attend; everyone, he was sure, would wish her a speedy recovery. In supporting the proposition, Mr. Marks said that the competition was going stronger than ever before, and if the members would more actively support their officers, even greater success would attend their efforts. Before resuming his seat he would like to ask Mr. H. F. Parker to support the motion. They all knew Mr. H. F. Parker, for without his aid the Football Section would never have been started, and the support he continued to give was much appreciated on every hand.

Mr. H. F. Parker, the gen. hon. sec. of the Association, thanked both the chairman and Mr. Marks for the kind references made to his services, and assured them of his continued interest and support. He was, however, very sorry to convey the information that, owing to the stress of business, Mr. G. H. Marks had been forced to tender his resignation as chairman of the Football Section. They were deeply indebted to him for his past valuable service and wished him every success in his new rôle as a music dealer in West Wickham, where he had already made many friends.

Mr. Parker was heartily supported in asking the company to wish all prosperity to the Section, and musical honours were given to the chairman.

Mr. P. M. Parish said that as a visitor he thanked them on behalf of himself and other visitors for the splendid entertainment they had given them. Perhaps

he might be allowed to congratulate the Section upon seeing so many young players present. There was no finer exercise for health or pleasure than football.

Mrs. A. E. Rawlinson, on behalf of the committee, handed Mrs. B. M. Jones a handsome bouquet. Mrs. B. M. Jones, who gracefully presented the prizes, concluded by expressing regret at Mrs. G. V. Maddams' inability to attend. She said it was a sincere pleasure to do anything to assist them in the good work in which they were engaged, and she thanked them for the honour they had shown her.

THE WINNING TEAMS

The winners of the cup competition for Division I were Messrs. Millington's F.C., the runners-up being the Britannia F.C. The winners of the League in Division I were W. H. Smith's F.C., and the runners-up Amalgamated Press F.C.

In Division II the cup competition was won by the Fryotype F.C., with the West End Engraving Co. F.C. as the runners-up. The League winners in Division II were the Fryotype F.C., and the runners-up the Illustrated London News F.C.

The "Toniks" Concert Party, under the management of Wally Urquhart, kept the company in continuous merriment throughout the evening, and at the conclusion of the performance Mr. A. V. Goodwin, the hon. treas. and sec. of the Section, thanked the troupe for the splendid concert they had given. The names of the artistes were: Messrs. Wally Urquhart, Courtney Martyn, Quentin Richards, Jack Stringer and Miss Vera Penna. Mr. William Fitzgerald was the accompanist. Mr. Wally Urquhart responded on behalf of the party.

To Mr. A. V. Goodwin and Mrs. Goodwin, together with the stewards, Mr. and Mrs. Rawlinson, Mr. Talbot and Mr. Maynard, is due credit for the excellent arrangements made, through which means a most pleasant evening was spent.

Tributes to Mr. Geo. W. Jones

Mr. Alfred Langley (president of the London Master Printers' Association) has received many messages and cablegrams, some from the Continent and America, paying tribute to the life and work of Mr. George W. Jones—in view of the annual dinner of the Association next Wednesday, when Mr. Jones is to be the honoured guest. Among the tributes are the following:—

From Sir William A. Waterlow, K.B.E., Lord Mayor of London: "So pleased to hear the London Master Printers are entertaining G. W. Jones. Printers cannot honour too highly one who has done so much for the art of printing, and in addition, the charm of his personality has endeared him to all who know him. His friends in the City will, I know, join with me in best wishes for many years of happiness and usefulness."

From Lord Riddell: "I am very sorry I cannot attend the dinner to Mr. G. W. Jones, for whom I have a great admiration. He is a wonderful man—a credit to his country and his craft. He has done splendid work, and I am glad the London Master Printers' Association is taking this opportunity of recognising it."

From Mr. and Mrs. Frederic Goudy: "The tribute to George W. Jones on his seventieth birthday is a happy inspiration. We are delighted to add our sincere and cordial congratulations to a cherished friend. We recognise and appreciate his great contribution to the art of printing and in honoring him the master printers honour themselves as well."

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Commercial Review

Current Share Prices

Allied Newspapers ord. 31s., 31s. 3d., 8 p.c. cum. pref. 21s.; Allied Northern Newspapers 6½ p.c. deb. 99½; Amalgamated Press ord. 23s., 7 p.c. cum. pref. 20s., 20s. 1½d., 5½ p.c. deb. 91½, 91½; Anglo-Foreign Newspapers 10½d., def. 1d., 2½d.; Associated Newspapers 22s. 6d. xd., defd. 27s. 3d., 26s. 4½d., 5 p.c. cum. pref. 18s. 3d. xd.; R. W. Crabtree and Sons pref. 9s. 6d.; Daily Mirror 22s., 22s. 6d.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 103½; Thos. De La Rue 13s. 3d., 13s. 6d.; John Dickinson 38s., new ord. 7s. 9d., 7s. 3d.; Financial Newspaper Proprietors 15s. 6d.; Financial Times 25s. 9d.; 7 p.c. cum. pref. 20s. 9d.; Illustrated Newspapers 10s. 6d., 10s. 9d., 7 p.c. cum. pref. 14s. 9d.; Industrial Newspapers, 7½ p.c. 1st pref. 9s. 7½d.; Kelly's Directories 7½ p.c. cum. pref. 22s. 6d.; Lamson Paragon 21s., 20s., 10 p.c. cum. pref. 24s. 6d.; London Express Newspaper 7 p.c. cum. pref. 20s. 3d.; George Newnes 5 p.c. cum. pref. 15s. 3d., 7 p.c. 2nd cum. pref. 9s. 4½d.; Northcliffe Newspapers 5½ p.c. deb. 98½; Odhams Press 6s. 6d., new ord. 6s. 6d., 6s. 6½d., 6 p.c. pref. 17s. 1½d., 7½ p.c. A pref. 20s. 4½d., 6½ p.c. deb. 102, 101; C. A. Pearson 5½ p.c. cum. pref. 15s. 9d.; Raphael Tuck 21s. 6d., 20s. 9d., 5½ p.c. cum. pref. 87s., 87s. 6d.; United Newspapers 7½ p.c. cum. pref. 11s. 3d.; Waterlow and Sons defd. 35s. 9d., pref. ord. 20s.; Winterbottom Book Cloth 61s. 10½d.; Wyman and Sons 6 p.c. cum. pref. 19s.

Dividends and Reports

WYMAN AND SONS.—Net profit £67,482 (against £68,122). Final ordinary dividend 12½ per cent., making 20 per cent. (same); to general reserve £4,623, bringing it up to £100,000; forward, approximately £13,995.

A. B. FLEMING AND Co.—Directors of this printing-ink making and oil manufacturing firm recommend a final dividend of 10 per cent., plus a jubilee cash bonus of 2½ per cent., and further recommend that £100,000 be capitalised out of general reserve and distributed as free bonus in the proportion of two fully-paid shares for each three shares held.

UNITED NEWSPAPERS.—Report for 1929 shows profit, after charging the usual depreciation, etc., of £97,257 (against £245,220); adding balance brought forward £206,813, gives £304,071. Dividend on £612,504 cumulative preference capital at 7½ per cent., less tax, absorbed £36,750 (same), income tax £33,000 (against £55,000), leaving £234,320, which directors propose to carry forward.

LONDON AND PROVINCIAL SPORTING NEWS AGENCY (1929).—Profit for the period to February 24th was £35,117, subject to directors' commission. A dividend of 10 per cent. is proposed.

New Companies

B. HARAM AND Co., LTD.—Capital £6,312 in £1 shares (6,300 ordinary and 12 management); to acquire the business of printers, publishers and stationers carried on by the executors and trustees of the late B. W. S. Haram at Birkenhead and elsewhere. Printers, lithographers,

engravers, publishers, book and print sellers, art journalists etc. Private company. Directors : G. E. S. Haram, G. R. Browse, R. N. Potterton and J. Kenworthy. Registered office : 61, Hamilton-street, Birkenhead.

EDWARD FOX AND SON, LTD.—Capital £5,000 in £1 shares; to acquire the business of a printer carried on by H. Fox at 19, Bridge-street, Stratford-on-Avon, as "Edward Fox and Son." Private company. Directors : H. Fox, A. H. Pearce, H. T. Hincks, E. Parke, J. R. Black and A. E. Clayton. Solicitor : J. R. Phillips, Stratford-on-Avon.

REVELL AND GEORGE, LTD.—Capital £3,000 in £1 shares (2,800 6 per cent. cumulative preference and 200 ordinary); to acquire the businesses (1) of a printer and lithographer heretofore carried on by W. Revell at 51, Grosvenor-street, Chorlton-on-Medlock, Manchester, as "J. H. Revell and Son," and (2) of a stationer heretofore carried on by R. L. George at 30, New Brown-street, Manchester, as "R. L. George and Co." Private company. Directors : W. Revell and R. L. George. Solicitor : R. S. Kirkpatrick, 12-16, Booth-street, Manchester.

R. ANSON AND SON, LTD.—Capital £2,000 in £1 shares; wholesale and retail stationers, printers, lithographers, etc. Private company. Directors : R. W. Anson and Mrs. Sarah D. Anson. Registered office : 30 and 31, Market-place, Doncaster.

TARGETT BARRETT AND Co., LTD.—Capital £2,000 in £1 shares; to acquire the business of a printer and lithographer now carried on by J. F. L. Wiles at 17, Dufferin-

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CASTLE LINOTYPING CO., LTD.—Capital £100 in £1 shares; compositors of type (mechanical and otherwise), typesetters, letterpress printers, photographers, photographic printers, publishers, and stationers, etc. Private company. Directors : T. R. Castle and A. E. Johnson. Registered office : 26, Maiden-lane, Bedford-street, W.C.2.

BRITANNIA PRESS, LTD.—Capital £100, in £1 shares; lithographers and publishers, printers and art journalists, advertising agents, etc. Private company. Directors : J. Harris and R. A. Luith. Registered office : 121, West Regent-street, Glasgow, C.2.

JOSEPH MOSS AND CO., LTD.—Capital £3,000, in £1 shares; advertising contractors and agents, manufacturers of all kinds of apparatus employed by advertising contractors, etc. Private company. Directors : J. Moss and Mrs. Rachel Moss. Registered office : Gloucester House, Charing Cross-road, W.C.

Mortgages and Charges

H. BURNETT AND SONS, LTD. (printing and manufacturing stationers, etc., 36-38, Lexington-street, W.1.).—Issue on April 23rd, 1930, of £1,950 debentures, part of a series already registered.

T. MATHEWS AND CO., LTD. (printers, etc., 18-20, Sand-acre-street, Leicester).—Mortgage dated December 21st, 1924, charged on properties in Leicester (property acquired March 11th, 1927), on which £2,900 was owing on November 1st, 1929. (Now registered pursuant to Section 91 of the Companies Act, 1929.) Mortgagees : Leicester Temperance and General Permanent Building Society.

FULLER AND MEAD, LTD. (wholesale stationers, etc., Great Windmill-street, W.1.).—Mortgage on the company's undertaking and property, present and future, including uncalled capital dated April 10th, 1930, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd.

DAVID ALLEN AND SONS BILLPOSTING, LTD. (Northern Ireland. Place of business in England : Allen House, 23, Buckingham-gate, S.W.1.).—Trust deed dated July 27th, 1927, securing debenture stock and deed of release and substitution dated March 11th, 1929, charged on properties in Liverpool, Poulton-cum-Seacombe, New Brighton, Liscard, Belfast, Glasgow, Moreton (Ches.), shares in Glasgow United Billposters, Ltd., and New Birkenhead Billposting Co., Ltd., and the company's other assets, present and future, including uncalled capital on which

£40,440 was owing on November 1st, 1929. Trustees : J. F. Rowlatt, 38, Bedford-row, W.C., and A. E. Cutforth, 5, London Wall Buildings, E.C. Also mortgage dated February 16th, 1928, charged on properties in Liverpool, Seacombe and Bootle, with Fixtures, on which £14,378 18s. 3d. was owing on November 1st, 1929. Holders : Midland Bank, Ltd. (Now registered pursuant to Section 91 of the Companies Act, 1929.)

MANCHESTER GUARDIAN AND EVENING NEWS, LTD.—Four mortgages dated May 30th, 1894, to July 6th, 1921, charged on properties in Manchester (properties acquired November 26th, 1912, to July 10th, 1928, on which £27,250 in all was owing on November 1st, 1929). (Now registered pursuant to Section 91 of the Companies Act, 1929.) Mortgagees : Mrs. M. Paulden, Fulshaw Hall, Wilmslow, Ches.; and others.

EDWARD SAUNDERS AND SON, LTD., paper merchants, etc., Goswell-road, E.C.—Mortgage dated April 29th, 1930, to secure £23,500, charged on land and factory in Acton, W. Holders : Allnatt, Ltd., Earley Station, Berks.

Bankruptcies

Re **SAMUEL BRANDES**, lately residing at Evering-road, Stoke Newington, N.E., and lately carrying on business at 38, Columbia-road, Hackney, E.2, cardboard box manufacturer.—The first meeting of creditors was held at Bankruptcy Buildings, Carey-street, W.C., on May 8th, under a receiving order made on April 24th, on the debtor's own petition. His statement of affairs disclosed liabilities £811 and assets nil. His failure was attributed to bad trade and lack of working capital. The estate was left in the hands of the official receiver for administration.

The Newspaper Society

The Newspaper Society, at its annual meeting in London last week, elected as president Mr. Edward Tillet (*Yorkshire Post*, Leeds), and as senior vice-president Mr. Robert N. Burgess (*Cumberland News*, Carlisle). Mr. Browning Lyne (*Cornish Guardian*, Bodmin) was thanked for his services as president during the past year. Mr. Walter Harrison (*Surrey Advertiser*, Guildford) was elected junior vice-president. Mr. Valentine Knapp (*Surrey Comet*, Kingston-on-Thames) was re-elected hon. treasurer.

Sir Meredith Whittaker and Mr. A. J. Bonwick (president elect of the Federation of Master Printers) were among the well-known printers attending the Society's annual dinner.

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PAPER BOX TRADE WAGES.—The Paper Box Trade Board (Great Britain) has issued a notice setting out the minimum rates of wages at present in force in the paper box trade. Known as Notice B. (17), the new declaration takes the place of Notices B.(11) and B.(13); the principal alterations embodied in the new notice concern wage rates for learners, male and female qualified workers, and overtime rates. The new rates are effective as from April 30th, and copies of the notice must under penalty be posted in the factory or workshop.

The Health Committee of the Joint Industrial Council is paying a visit to the Caxton Convalescent Home at Limpsfield, Surrey, on May 28th.

An original and very attractive folder is issued by the Association of Master Printers of East and North-East London announcing a social evening with dancing to be held at the Pigeons Hotel, Romford Road, Stratford, E.15, on Tuesday, June 3rd, at 7 p.m.

MR. GILBERT DALZIEL died on Tuesday evening, after a long illness, at Hampstead, in his 77th year. Like his father and uncles, he was an outstanding figure in the field of wood-engraving.

THE late Lieut.-Col. D. P. Forman, an obituary notice of whom appeared in last week's issue of this journal, had been chairman of the Nottingham District Committee of the Joint Industrial Council—not of the National J.I.C., as the article seemed to convey.

THE Liverpool First Edition Club is holding an excellent exhibition of finely printed books from modern presses, mostly English, in the Basnett Gallery until May 24th. Admission is free.

UNDER the chairmanship of Mr. S. N. Heron (retiring president) members of the W. & N.-W. Master Printers' Association and their ladies spent an enjoyable evening on Tuesday at Pagan's Restaurant, the occasion being the annual dinner of the Association. At the annual meeting of the Association, which preceded the dinner, Mr. A. T. Philp was unanimously elected president for the forthcoming year.

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MACHINE ROOM OVERSEER.—Firm of provincial Letterpress and Colour Printers requires man as Press Room Manager; good position is offered to energetic man of first class personal character and practical knowledge, fully able to take control; age not over 40.—Applications (which will be treated confidentially), stating age, experience, qualifications and salary should be addressed to Box 15448.

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THE Printers' Provident Association, 21, Charterhouse-street, Holborn-circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades, at short notice. No charge. 'Phone, Holborn 0527. 14695

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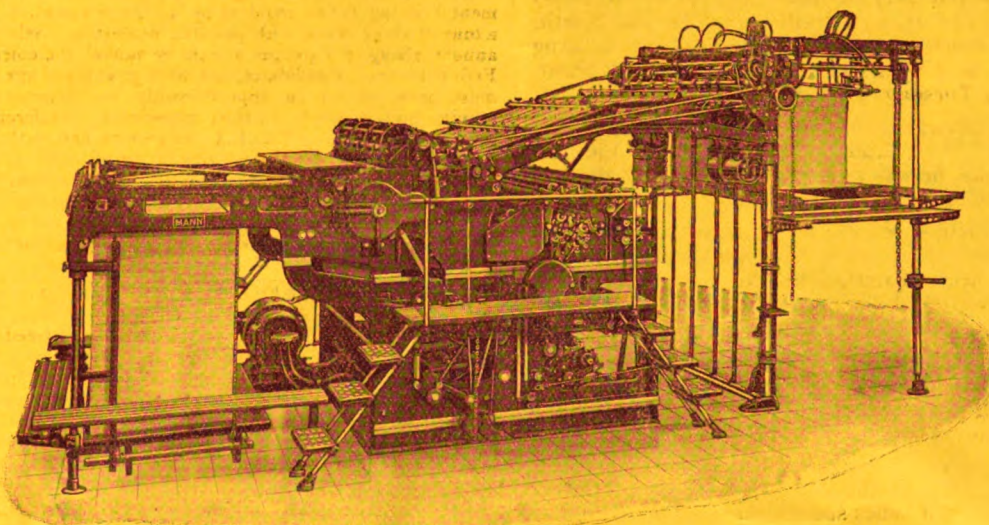
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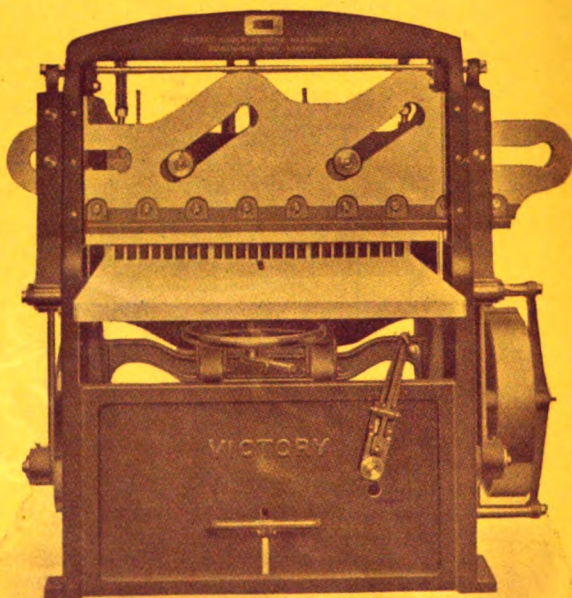
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FOUNDED 1878 — PUBLISHED WEEKLY

And Stationer

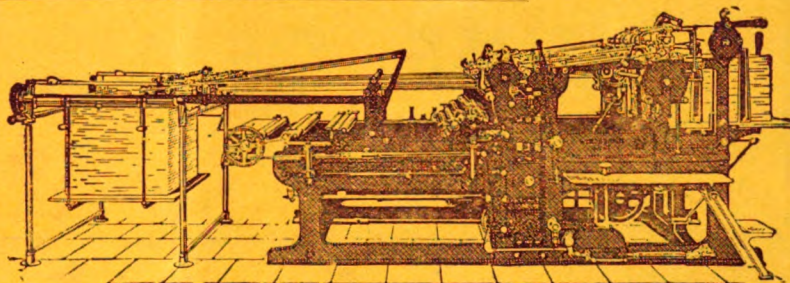
VOLUME 106
NEW SERIES No. 82

LONDON: MAY 22, 1930

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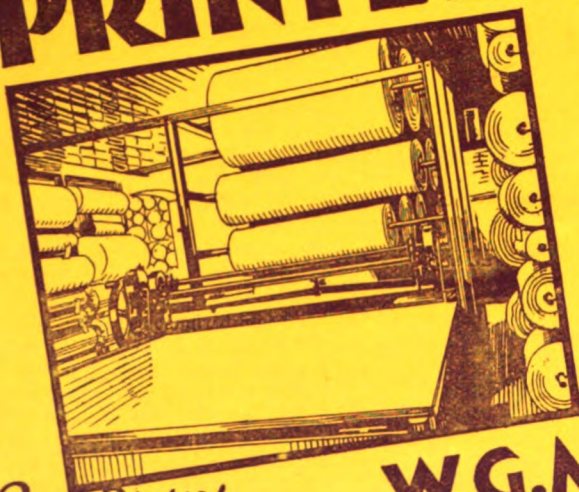
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The range of Monnery Blankets have been famous in the trade for over a century, the firm having first entered the business in 1800.

Our COMPOUND BLANKET is used in the production of London's large circulation papers and gives those heavy users the greatest satisfaction.

Use the finest British manufactured Printers' Blankets from the stock rooms of—

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15 & 16, THAVIES INN, HOLBORN CIRCUS
LONDON, E.C.1

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The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 108
NEW SERIES No. 82

LONDON : MAY 22, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

TRADE is not showing any improvement, except in the way of sudden spasms which give rise to temporary hope. It is remarkable to what extent this is a characteristic condition in many offices in all parts of the country. Prolonged periods of quietness are followed by a short period of hectic rush, and after that another lull. Almost out of sympathy a trade order was offered to a firm whose machines had been registering an unusual amount of short time. When the manager came to discuss the business he brought with him the news that he was pulled out of the place with rush work. And there are many similar cases where short time gives way to sudden overtime. In other cases one department may be proceeding full swing while neighbouring departments are waiting for work.

APPARENTLY it is symptomatic of the condition of trade and commerce generally. Orders are not placed except under final pressure of urgent requirement. There is no steady and regular procedure along the lines of average consumption. The business house hangs out almost to its last form before replenishing its stationery, and even then it reduces the quantity ordered. As for printing for publicity, although we have always had to take urgency for granted, it appears the rule of the moment that inspiration comes in the night and the scheme must be afoot (or afloat) by daybreak.

It would be interesting to know to what extent the

Standard Tri-colour Inks are meeting with success. The ink-makers could judge immediately whether the consumption justifies the policy of standardisation. If there is a doubt at all as to the future of standard inks, it can only be as to their relative consumption compared with proprietary makes of colour process inks. There is no doubt as to the commercial value of the standard inks, even though there may be a little room for improving the standardisation. Printers are the gainers, all over the country, and for the most part they are fully alive to the practical advantages of a system which leaves them free to pursue their own buying policy. There is something to be said against having to follow the dictates of a process engraver, in ink matters, however worthy he may be

in the matter of blocks. And there is a lot to be said for a printer knowing his inks, especially if, once he knows them, he is not bound down to any particular maker. The least enthusiastic party in this movement of reform would seem to be the type of process engraver who sees no progress in standardising. There actually is this type, of course, because we have seen his notes on the subject. Above everyone else we would be inclined to expect support and some enthusiasm from the one who has least at stake and possibly most to gain. Fortunately, for the most part there is the ready willingness to serve; and if, here and there, there is a slight under-current of protest, it may be taken for granted that what the printer asks for he shall have.

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If we may be allowed a criticism of standard three-colour inks as we meet them now in commercial practice, we would suggest that there is not a close enough approximation to a common standard in the colours demonstrated by different makers. It may not be a simple matter to achieve perfection and consistency in colour value under ordinary commercial methods of manufacture. And it may well be that whatever degree of uniformity is attained by the inkmakers, paper will play its part in the picture by slightly controlling the rendering of colour values. But, with standardisation as the end, the aim of all concerned should be to reach more nearly to perfection at every turn. A careless concern for standardising is the most dangerous threat to the establishment of anything in the nature of standardisation. As we have been taught by experience, it is only a thin wall that divides system from chaos.

It is a long time since we cautioned printers about their overhead belting and shafting. Recent judgments and rulings have put it beyond doubt that overhead transmission equipment must be guarded, and the printer cannot evade his responsibility. We refer to this in order to draw attention to the most simple and approved manner of protecting revolving shafting, viz.: by clothing it with strawboard tubing of about one inch wider diameter than the shaft. If by accident the casing is clutched it remains stationary while the shaft within revolves. We note that there is a "Protectoguard" speciality on the market which comprises split strawboard tubing covered in tinfoil. This is cheap, effective and smart-looking in its shiny metallic covering.

THE Manchester Chamber of Commerce has promulgated a scheme for the commercial education of youths between the age of 16 to 18. The object is to provide a specially trained type of youth for posts in Manchester business houses. Stringent rules have been set down, and in order to qualify for selection, applicants will need to satisfy examiners that their educational equipment is of a high order. Subsequent training will lead up to a Chamber of Commerce Diploma, which entitles the recipient to enter upon his business career with the support of the Chamber. A guaranteed employment panel is proposed, consisting of firms who will offer employment on or about specified dates. The whole scheme is founded on the assumption that modern business demands the type of brain and mind which has been selected and scientifically developed along the right lines. Hitherto, it has been too much the custom, as much in commerce as in industry, to pitchfork boys into jobs and leave them to make the best or worst of it. The net result on every hand has been the fitting of square pegs into round holes.

COL. WYNHAM R. PORTAL, D.S.O., M.V.O., has been appointed chairman and Mr. L. W. Farrow, deputy-chairman of Wiggins, Teape and Co. (1919), Ltd.

MR. A. T. SUORTHOSSE SMITH, governing director of Bradbury and Smith, Ltd., paper merchants, agents and importers, of Leicester, has been re-elected a member of the Barrow-on-Soar Rural District Council.

THE beautiful album, bound in royal blue padded morocco, recently presented to Alderman Lord Wakefield by the secretaries of fifty institutions was executed by Blades, East and Blades, Ltd., under the personal supervision of Alderman Lord Ebbisham.

Personalia

LORD EBBISHAM scored 22 before he was caught out in a match last week in which his Epsom College team were beaten by E. T. Campbell's Lords and Commons team at the Oval.

SIR CHARLES HIGHAM is the recipient of the Publicity Club Cup for 1930, by the unanimous decision of the club, "for his consistent work in and for advertising during the year." This, the highest award that advertising can offer its distinguished members, was presented by The Lord Mayor of London at the Mansion House yesterday (Wednesday).

MR. A. J. BONWICK (president elect of the Federation of Master Printers) will preside at the Printers' Session of the Advertising Convention at Hastings, on Tuesday afternoon, June 23rd. He will be supported by Mr. Alfred Langley (chairman of the Publicity and Selling Committee of the F.M.P.).

LADY DUNEDIN will, on this occasion, present "A Women's View of Direct Mail Advertising"; Mr. Harold Bellman, manager of the Abbey Road Building Society, will speak on "The Use of Printing in Advertising"; and Mr. R. B. Fishenden, M.Sc. Tech., will review "Recent Developments in Printing of Special Interest to Advertisers."

MR. N. LEACH, of Darwen, who recently, at the age of 81, relinquished his membership of the executive committee of the Lancashire and Cheshire Master Printers Alliance, is offered personal congratulations in the annual report of the Alliance.

MR. W. E. HARDING has been re-elected chairman of the Bath Master Printers' Association.

MR. W. SMITH, of the *Evening Express*, has been elected president of the Liverpool Centre of the Printers' Managers and Overseers' Association.

MR. H. A. CORRIS, the retiring president of the Association, received a Westminster chimes clock in appreciation of his two years' service.

MR. OLIVER SIMON, typographer of the Curwen Press, London, has lately been in New York, where there has been held an exhibition of products of this well-known printery.

MR. H. WARREN, the managing director of the *Doncaster Gazette*, has been appointed a magistrate for the borough of Doncaster.

MR. WILLIAM B. FLETCHER—who is a partner with his father, Mr. A. Fletcher, printer, Swallow—was married at Gateshead last week to Miss Nellie Allen, of Blaydon.

MR. THEODORE FINK, chairman of directors of the Melbourne *Herald* and chairman of the Australian section of the Empire Press Union, is staying at Grosvenor House.

MR. P. D. EASTES, editor of the *Kentish Gazette*, Canterbury, has been elected chairman of the Kent Newspaper Proprietors' Association for the current year.

MR. E. STEPHENSON CLARKE has joined the board of Roadway Time Tables, Bookings and Publications, Limited.

MR. A. J. CARTER can claim a place amongst the oldest employees in the printing industry. Now aged 82, he has worked for 67 years in a printing office in Royston, Herts.

ANOTHER NEW LINOTYPE SERIES

WITH ITALIC AND S.C. **NUMBER 61** WITH CENTURY BOLD

14-pt. with Italic (14 Δ 879); with Century Bold (14 Δ 886)

THERE IS A GREAT AMOUNT OF COMPOSITION WHERE IT is effective to mix bold and roman faces. THE LINOTYPE, by the duplexing of bold and roman faces, *fulfils this requirement in an economical way*, and opens up a wide field of possibilities for combinations which will gain emphasis and contrast. When a bold face

12-pt. with Italic (12 Δ 878); with Century Bold (12 Δ 885)

WHEN BOLD TYPES ARE USED WITH ROMAN, CARE MUST BE TAKEN to see that they are not too violent and that the design is well balanced. A bold face has usually a deeper tone value than a roman. The dominant message is conveyed and EMPHASIZED *by the display lines*, and at the same time the eye is rested by the quiet backgrounds of the solid text matter

10-pt. with Italic (10 Δ 877); with Century Bold (10 Δ 884)

WHEN USING BOLD TYPES WITH ROMAN, care must be taken that they are not too violent and that the design is used with luxurious margins, so that it does not crowd his types *violates every tradition* and robs the face of its elegance and balance; therefore each type face must

9-pt. with Italic (9 Δ 876); with Century Bold (9 Δ 883)

THE LINOTYPE, BY THE DUPLEXING of bold and roman faces, *fulfils this need economically* and opens up a wide field of possibilities of combination for gaining emphasis and contrast. When bold types are used with roman, great care must be

8-pt. with Italic (8 Δ 875); with Century Bold (8 Δ 882)

WHERE A JOB IS SET THROUGHOUT one series of face, the tone value is governed by the sizes of the type employed. The distinct variation in the type sizes used secures CONTRAST OF TONE VALUE and conveys a no emphasis. There is an amount of composition

7-pt. with Italic (7 Δ 874); with Century Bold (7 Δ 881)

THE APT ARRANGEMENT OF THESE VARYING depths of tone so that the whole scheme is harmonious and at the same time makes a pleasant blend of CONTRASTS, is a problem which has to be solved. Contrasts both of tone value and of size

6-pt. with Italic (6 Δ 873); with Century Bold (6 Δ 880)

THE ARRANGEMENT OF THE VARIOUS ELEMENTS which make up a typographical design brings problems of which the use of TONE VALUES is by no means the least important. Every type face has its own tone value, whether it is used in a single line or in

Send for folder, Ref. No. 1362, to

LINOTYPE & MACHINERY LIMITED, 9 KINGSWAY, LONDON, W.C.2

CATALOGUE OF BOOKS AVAILABLE

nais, Historie et Bibliographie, Rouen, *Albert Laine*, 1916 £1 16s

4to. Orig. wrappers, unopened. 77 facsimiles. An excellent monograph on the fifteenth century printer who printed Statham's Abridgment for Pynson.

907 Lewis (Rev. John, of Margate) A Complete History of the several Translations of the Holy Bible and New Testament into English, both in MS. £3 3s

LIBERTY OF THE PRESS

908 An Act for the more effectual Prevention and Punishment of blasphemous and seditious Libels. [60 George III, Cap. 8]. London, Eyre and Strahan, 1819 6s

Sm. folio. Wrappers. 4 pp.
909 Bentham (Jeremy) On the Liberty of the Press and Public Discussion. London, W. Hone, 1821 14s

8vo. Wrappers, uncut. 38 pp. Some leaves spotted. Sewn with Bentham (J.) Three Tracts relative to Spanish and Portuguese Affairs, with a continual Eye to English ones. London, W. Hone, 1821. 54 pp. Name on titles.

910 Brouillant (Leonce Janmart de) La Liberté de la Presse en France aux 17e et 18e siècles. Histoire de Pierre du Marteau, Imprimeur à Cologne. Paris, Maison Quantin, 1888 £1 17s 6d

Large 8vo. Orig. wrappers. 5 plates and 1 portrait. Copy on Paper de Hollande, No. 83. This printer never existed, the imprint being used for various works which might come under the eye of the censor. At the end is printed a monograph on the Historie des Amours du Grande Alcandre, 1652. The Elzevirs used this disguise on more than one occasion.

LIBRARIES

911 Bernhardt (L.) Lehr- und Handbuch der Titelaufnahme. Berlin, Weidmann, 1923 7s 6d

8vo. Orig. wrappers.
912 Bimbenet (E.) Restitution de la Librairie de l'Université d'Orléans ou

salle des Thèses.

8vo. Wrappers. E

Hist. de l'Orléanais,

913 Bini (Giacco

Pubblica di Berg

traslocamenti di e

gamo, Sonzogni, 1

4to. Orig. wrapper

914 Bodleian Li

Library in 1882-7

Librarian. Oxford

4to. Boards.

MANUSCRIPTS

915 Auvray (Lu

pamphlets on Ma

Orleans. Paris, etc

12 parts, 8vo. Wr

916 Babinet de

cription et Prix d

l'usage du Diocèse

charte de 1339. 1

8vo. Wrappers. E

Hist. Charente, 1866.

917 Babinet de

ments Paléograph

extraits des archi

8vo. Wrappers. 7

bindings. Extract fro

918 Bachelin (A

d'Heures de la Da

de la Bibliothèque

Bachelin-Defloren

8vo. Orig. wrapper

219 Baker (Tho

Memoirs of the Li

Thomas Baker of

bridge, from the P

with a Catalogue

Cambridge, J. Arc

8vo. Wrappers. 2

920 Bennett (Ho

of the Ancient Ro

at Herculaneum a

to unroll them. C

Trade Typesetting

By NEWHALL DAVIS

One of the most outstanding developments in the printing trade of late years has been the extension of the section engaged in trade composition; and, phenomenal as its growth has been, there are those who regard it as still in its infancy. The only thing necessary to give the business still further impetus is for the trade plant executive to realise that the days of poor or slipshod workmanship are "gone for ever."

A facetious advertising man said recently that when proofs were promised him by a certain day, he knew they would come to hand the day following. The implication was that printers were prone to promise proofs or finished work by an earlier date than that on which they could possibly get them out. Evidently the speaker had been unfortunate in his printers; most of us, trade printers especially, find it essential that work should be done to time. If a trade printer hopes to prosper he must realise that promises once made must be kept.

THE QUALITY KEYNOTE

There are still trade typesetters who fail to realise that quality should be the keynote of their work. Some of the faults met with are: poor metal, fonts in bad shape and showing hair lines on every mat., bad alignment, proofs pulled on any kind of scrap paper, from dilapidated proof presses, and, perhaps more prevalent than is generally imagined, badly-read proofs. Another bad practice is the sending out of type packed in old newspapers and tied up "any old way." The people who do business in this fashion are the ones who sell "on price." They must. They have nothing else to sell.

Broadly speaking it will be found that the plants that are satisfying their clients have adopted up-to-date methods. They are not necessarily large plants—some of the smallest ones are doing splendid work. They will not be small plants for long.

DETAILS THAT COUNT

A leading trade printer attributes the great growth of his business to "customer satisfaction" achieved by attention to innumerable small details that build prestige and inspire confidence. He says: "When copy comes to my plant it is carefully looked over and marked-up for the machine by a layout man. The machines are always kept in first-class condition by a machinist, as this department is a special hobby with me. Fonts are cast and proved up for hair lines and bad alignments. Metal is tested regularly and kept up to formula so that runs of a hundred thousand direct from our slugs have been made many times. Type is thoroughly washed after each inking. All matter is proof-read by competent journeymen readers, and is revised finally before being sent out."

The proofs are pulled on coated stock and the type is carefully wrapped in manilla paper. The packages are then sealed with tape and tied with good, new rope.

Ludlow display lines are cast from a special metal which is always bought new for this machine. Ludlow lines above a certain size are polished, and print as well as any type.

THE "SERVICE" IDEA

Everyone in the organisation is impressed with the idea that the client is the real "boss," and must be treated accordingly. The idea of a "service chain" that must be strong in every link is kept before all

employees. Pride in craftsmanship is encouraged, and praise for fine work is given unstintingly. Criticism is given the men as diplomatically as possible by pointing out better arrangements. Every proof is examined for possible improvement before it is sent to the customer. This anticipation of the customer's angle builds prestige.

What is somewhat of an innovation is that meetings of employees are held regularly in this plant and little talks given, illustrated with examples of good work and inferior printing. Incidental comment is of value to all employees, of course.

Even errand boys and porters are made to realise the importance of their duties. It is little use to get a job out "on the dot" if the errand boy fails to deliver it promptly. Porters are told that a dirty place is not conducive to clean typesetting, hence their work is vital.

If the staff is thus made to believe that their boss is the client and that every task is designed to "please the boss," better work will result in each department. The smallest plant can do these things. It is hoped that this outline of plant routine in a successful shop will prove of interest to many trade plant executives throughout the country who are doing good work and who intend to grow up with the industry.

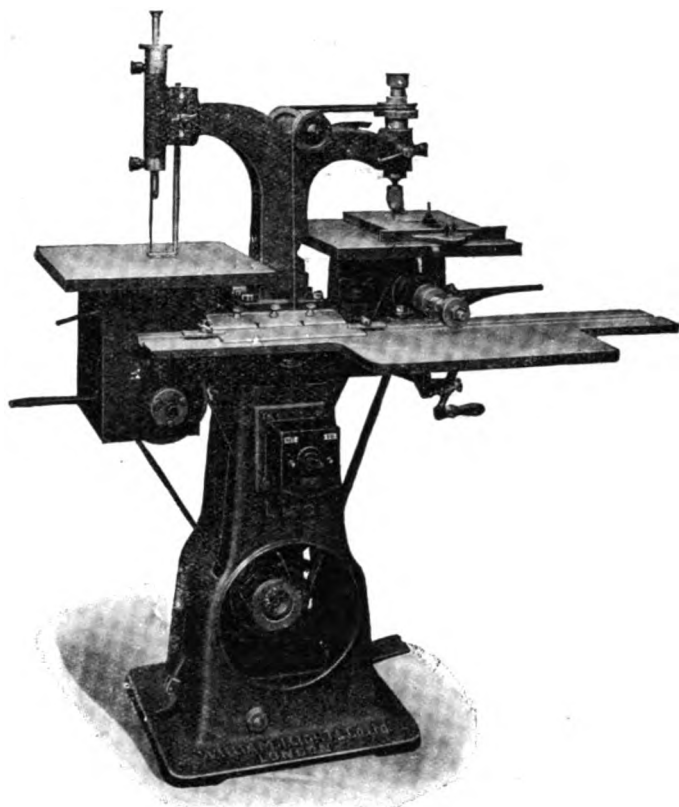
Mr. Stanley Morison's New Book Memoir of John Bell (1745-1831)

Before the present month is out a new book by Mr. Stanley Morison entitled "A Memoir of John Bell," is to be published by the Cambridge University Press. This interesting announcement recalls memories of a very famous English printer of the eighteenth and early nineteenth centuries. John Bell (1745-1831) was bookseller, printer, publisher, typefounder and journalist. He was founder or part-proprietor of the *Morning Post*, the *World*, etc., and his work in successfully publishing a beautifully printed series of British poets in sixpenny numbers is well known.

The memoir is printed in the types of John Bell, recast from the original punches for this purpose by Messrs. Stephenson and Blake, Sheffield, and some idea of the beauty of the work can be gathered from the prospectus, which is printed in facsimile types on the fine quality paper which has been selected for the memoir.

In the work which he now presents, Mr. Stanley Morison has made the first endeavour to provide a consecutive account of John Bell's many enterprises, and an estimate of his contribution to type design, printing technique and publishing method. The work is documented with many reproductions in photogravure, collotype and wood engraving. The price is three guineas.

An interesting programme, including three civic receptions, has been arranged for the annual conference of the British Poster Advertising Association, which takes place in Harrogate on June 2nd, 3rd and 4th.



Lico

Combined Router, Drill, Circular Saw, Double Head Beveller & Jig Saw

Model A

with 3 tables and 1 built-in motor.

THIS ingenious combination machine is specially designed to meet the requirements of provincial newspaper offices for efficiently and rapidly finishing stereotypes of advertising matter. Designed to sell at a most attractive price, and embodying all the essential mechanisms of separate machines, it has also become very popular among trade stereotypers, electrotypers, engravers and printers, particularly where floor space is an important consideration.

THREE MEN can conveniently operate the machine simultaneously, as adequate protection is provided against chips flying about.

"SIEGFRIED"

Patent Flat Casting Box

THE ingenious construction of this casting box practically eliminates physical exertion and enables quicker operation.

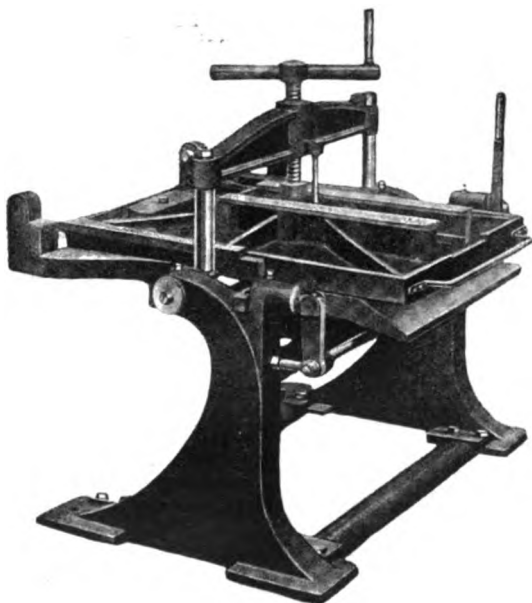
When unlocking the casting box the top platen rises automatically parallel to the bottom platen. The top platen is then pushed to the rear with very slight effort (two fingers will do it) and automatically tilts into vertical position as soon as the yoke has been swung clear.

The tiresome lifting of the top platen is, therefore, entirely eliminated.

As the top platen moves parallel to the bottom platen when the box is being locked there is no possibility of shifting the gauges. This is a further important advantage.

The casting box is very strongly made throughout, and only best materials are used for the construction.

To prevent any possibility of breakage the yoke is made of steel, also the screw, the columns and pins.



Write for full particulars, or telephone CENTRAL 3839

W. J. LIGHT & CO., LTD., 36-38 WHITEFRIARS STREET, LONDON, E.C.4

Improved Methods of Production

Some Principles of Successful Printing

By WILLIAM D. HALL

The printing business is slowly becoming profit-minded, and as it does it will realise that more and more attention must be given to properly controlling its manufacturing efforts. Because printing is one of the contract industries, making its goods to order, it is dependent upon pre-selling its product. Its manufacturing processes must be adjusted to meet arbitrary specifications and requirements set up by each buyer.

For a long time it was considered not only impractical but impossible to apply the principles of scientific management to contract work. But other jobbing industries have proved beyond a doubt the efficiency of a well-engineered production plan, and what has been done in other industries can be duplicated in ours. A few printers pioneered, and the successful results they have obtained dispel any remaining doubts, and confidence is thereby established for applying engineering principles to printing production. Former haphazard guesses and rule-of-thumb methods in vogue a generation ago are now being replaced by scientific analysis and study. Based upon facts, decisions are made, standards established, methods improved and profits increased.

SALES POLICY COMES FIRST

Before any appreciable improvement of methods can be made a definite and well-defined sales policy should be established. This is necessary if economies in production, improvement of quality, lower costs and reasonable profits are to result.

We find that the average commercial printer usually solicits business without particular regard as to whether it is suitable for economical production on his equipment or whether his employees are able to do the work. Many sales under such a policy, or lack of policy, simply result in wasted hours, wasted effort, an inferior product, and another red entry in the ledger.

A number of printers, recognising the futility of continuing such a course, have concentrated their sales efforts upon those items which they can produce at a profit, and have highly successful businesses as a result.

To cite one instance: a company doing a general printing business for some fifty years, decided that with their type of equipment, the experience of their workmen, and their market, they are best qualified to manufacture complete in their own plant, hard bound books that could be produced on flat-bed press equipment. In adhering to this decision they have passed by a considerable volume of business that might otherwise have been secured. Yet, this loss of business, according to their own statement, has been offset by the improvement in their service, in lower costs and in worthwhile profits.

I want to direct your attention to four elements which have a direct and vital effect on production. Printing, like any type of manufacturing, is influenced by the kind of machines and equipment provided, the quality of the materials supplied, the technical skill and craftsmanship of the workmen employed, and lastly, by the efficiency of those methods or practices of

management set up to insure quality and facilitate the flow and movement of work in its fabrication.

CHOICE OF EQUIPMENT

The kind of equipment and machines provided must be those permitting the lowest unit costs while at the same time producing the quality of work desired. Changes should be made, or additional units purchased, only after a thorough consideration of all the circumstances obtaining—the need for it, the operating cost, probable production, mechanical features, its place in the production line, and its probable life or usefulness before obsolescence relegates it to the junk pile.

A New York printer after such a thorough analysis replaced his collection of miscellaneous presses with just two sizes of high-speed equipment—presses capable of handling $\frac{1}{4}$ and $\frac{1}{2}$ sheets. These two batteries after being in operation a year had showed more economies than was first expected and we find that over 95 per cent. of the work is being produced better, cheaper and quicker. The type of work is general in character but gradually developing toward multi-coloured direct mail and advertising literature.

Not only is the proper selection of equipment of paramount importance, but its placement or arrangement must be given careful study to obtain a logical sequence of operations and maintain straightline production without needless back-tracking.

QUALITY OF MATERIALS

In many printing plants the production problems would be solved if the proper materials were selected and their quality maintained. We are prone to blame the distributor or manufacturer for inferior materials, but are we ourselves sure that we know just exactly what we want, and if so, have we taken the necessary steps to insure our getting it? That does not mean simply listing a lot of specifications, such as "static-free" paper.

By analysis, test and intelligent study, absolute or relative standards should be set up for all materials and supplies that go into the printing operations. Is it possible? Certainly! Take the splendid work that has been done in that respect by the Public Printer of the United States. Mr. Carter, through the Technical Division at the Government Printing Office, has not only set up the standards by which all materials and supplies are specified and purchased but keeps a staff of chemists and technical men employed in testing all deliveries to see that those standards are maintained. Of course, such thoroughness cannot be carried out in all printing plants, but by co-operative effort and the use of commercial testing laboratories much good can be accomplished.

When we insist upon uniform standards and suitable materials the vendors will supply them. If we check for uniformity and quality before the supplies or materials are sent to the manufacturing departments, the cause for a large part of the "buck-passing" and excuses will be eliminated.

THE HUMAN ELEMENT

The third element influencing production is the skill and craftsmanship of the workmen employed. When new employees are taken on they are a liability until they become accustomed to their new surroundings and

The above is part of an address delivered recently at Cincinnati by Mr. Hall, who represents the Department of Production Management, United Typothetae of America.

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"catch on" or move on. This promiscuous hiring and firing is a serious handicap to the productivity of any organisation. Improved methods of selection have become necessary, and when once selected every effort should be made to train the man for his job and to make his work so interesting and the surrounding conditions so harmonious that he will want to stay and participate in the rewards of faithful service.

If a trained personnel manager is not available, his functions should be delegated to a responsible executive who is properly qualified to supervise the selection and employment of workmen. Adequate information about education, training, and previous shop experience should be taken and a systematic record kept of his work; his absences, and whether from illness or other causes; his interest in improving his work by outside study or reading; his attitude toward the management; and his raises in pay or promotions.

Each job holder should not only be thoroughly trained in his duties but given instructions about related operations and processes in so far as they affect the performance of his own. When the foremen and supervisors are relieved of many of the non-essential and clerical tasks assigned them, they will have time to properly supervise work-in-process so as to both maintain quality and meet the production schedule. Time will also be had for properly instructing the journeymen and training the apprentices.

SPECIALISATION

A medium-sized plant found it very profitable to employ a competent pressman and place him in charge of a pre-makeready department. Not only are engravings and electrotypes inspected, tested and corrected when they are received, but every page of type is carefully proved on a precision proof press. Bad slugs, broken letters and similar imperfections are detected and corrected before going to press. Whenever possible the pages are locked up in a chase before this work is done. At the same time, mechanical over-lays are prepared and in many instances a first sheet is even marked out and spotted-up. Ink is selected and proofs pulled on the actual stock to be printed. Whenever special mixed inks are needed the colour is worked out in this department, and the formula accurately determined by weight is supplied to the ink-makers with a sample.

MANAGEMENT

The fourth element that influences production is management. Without this correlating and directing factor the other three would be just so many machines, so much raw material, and so many idle individual men. Properly co-ordinated and under control, they function to create printing.

There are two classes of production control; the first may be designated as the "follow-up method" and the second as "pre-planning."

The first method is quite common. It simply consists of following up the work as it progresses through a plant, and indicates which operations are falling behind so that pressure may be applied to bring them into line. Many successful follow-up systems have been described in the past and innovations are continually being brought to our attention.

The second method, or pre-planning, has not up to the present time been practised by many printers, but in recent months a growing interest in that subject has been manifest.

Pre-planning involves an accurate knowledge of the operations to be performed; the order of their sequence; the amount of time each requires, bearing in mind the productive capacity of the available equipment; the kind and quantity of raw materials needed, and the time required to procure the same. These

fundamentals must include such steps as production analysis, routing, scheduling, dispatching, control of materials, inspection, record-keeping and maintenance. Because of the varying conditions in our industry no uniform or standard method can be proposed, but by applying the principles just mentioned a system can be developed in any plant that will produce beneficial results in proportion to the completeness of the installation and the thoroughness with which it is operated. Success or failure, however, will depend largely upon the ability of the individual selected to supervise the work and the amount of support and co-operation given by the other executive heads.

A TYPICAL SYSTEM

A typical system might operate in a medium-sized plant somewhat as follows:—

Each and every order must have a detailed time layout prepared before it can enter production; this applies to all work whether sold at an estimated or an open price. These time layouts should be prepared as accurately as possible by competent estimators, assigned to production or planning departments, instead of working under the direction of the sales department. Several benefits are apparent from such a shift. Estimators are relieved of any pressure which may influence their figures; accurate production data is at hand for their use, and the availability of equipment is easily ascertained. The specifications, copy, a dummy and all other information available, are carefully analysed and then the most efficient method of production determined with the help and co-operation of those individuals who will eventually engineer its production.

If not an actual order but a request for a competitive bid, a time layout is first prepared and a summary of the hours required for the several operations at the different cost centres made and turned over to the sales manager, together with any production suggestions that might influence the sale. The hours shown on the summary, or "petty" estimate, as it may be designated, can be extended at the actual prevailing cost rates, a pre-determined selling hour rate, or any other method that is in accordance with the established policy of the company.

When an order is ready for manufacture, the estimator who prepared the time layout writes up a master "manufacturing order," and from this a clerk makes out the actual work or job jacket and an advance notice for each department head or foreman. All these copies, with the exception of one for the cost and accounting department, are turned over to an assistant production manager who is responsible for the routing and scheduling of all work. This is where the real pre-planning or control commences. This individual, working backwards from the delivery date, determines when the various operations must commence if the promised delivery is to be kept.

His second step is to assign certain definite equipment in each department to be used in performing that operation at a specified time. A Tickler and Progress Record Card is made out and filed at hand, one by date and the other by customer's name. In many instances only the preparatory operations can be scheduled at this time, the others must be planned after okayed proofs are received.

When a machine or equipment is assigned or reserved for a particular job an entry is made in a Machine Schedule Record Book (a page for each day) which is kept for each producing unit.

The job jacket moves with the work as it goes from one department to another. If there is more than one lot the jacket goes with the last one to indicate that

(Continued on page 499)

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Printers of the Home Counties

Alliance Gatherings in London

A large and representative gathering of members of the Home Counties Master Printers' Alliance rallied in London for the annual meeting held on Wednesday last week at the Florence Restaurant, W.

MR. R. A. AUSTEN-LEIGH HONOURED

At the luncheon which preceded the annual meeting, Mr. R. A. Austen-Leigh was officially invested with the insignia of Chevalier de l'Ordre de Leopold—the announcement of the conferring of which was made during the H.C.M.P.A. Easter tour of Belgium.

Mr. Charles Bastin (Commercial Counsellor of the Belgian Embassy in London), in the name of the King of the Belgians, conferred the honour upon Mr.

Austen-Leigh. Everyone knew, he said, the successful efforts which had been made by Mr. R. A. Austen-Leigh in the direction of international organisation among master printers, and no country appreciated those efforts more than Belgium. (Applause.)

In acknowledging the honour, Mr. R. A. Austen-Leigh expressed his regret at not having been able to attend the Belgian Embassy for the ceremony. At the same time he appreciated the kindness of M. Bastin in making the presentation in the presence of so many of his fellow

printers. Continuing, Mr. Austen-Leigh said that in attending international gatherings he had been given many opportunities to make friends with the Belgian master printers, and he was particularly gratified that the master printers of Belgium should have thought it worth their while to make efforts to secure for him this great distinction.

THE FEDERATION PRESIDENT

The toast of "The Federation" was proposed by Mr. W. Amison (H.C.M.P.A. vice-president), who referred appreciatively to the work of the Federation president, Mr. William Maxwell, in the interests of the printers of this country.

Mr. Maxwell, in replying, mentioned that during his year of office he had not refused a single invitation to attend any meeting of master printers. (Applause.) He had paid twenty-two visits to twelve Alliances, and had also visited the thirteenth. Whilst the work as president had been strenuous, it had also been most enjoyable.

Tribute to Mr. Maxwell was also paid by Mr. A. J. Bonwick (president-elect of the Federation). During his year of office as vice-president under Mr. Maxwell, he said, it would have been impossible to meet with greater courtesy or greater kindness. He had started

the year as a friend of Mr. Maxwell, and at the end of the year they were far closer friends. (Applause.)

PRESENTATION TO COL. BARRELL

Mr. Maxwell next presented Col. W. H. Barrell, O.B.E. (H.C.M.P.A. president), with a Belgian cut-glass bowl on behalf of those who accompanied the Easter tour of Belgium. In making the presentation, Mr. Maxwell paid eloquent tribute to Col. Barrell's services as head of the party which toured Belgium. The fact that the party was well received everywhere was due in a large measure to the personality of Col. Barrell. (Applause.)

In reply, Col. Barrell expressed warm thanks for the kindly thought of the donors of the gift.

"THE ALLIANCE"

Mr. Alfred Langley (president of the London Master Printers' Association), in proposing the toast of "The Home Counties Master Printers' Alliance," said the H.C.M.P.A. was the Alliance which always seemed to be doing what everybody else was "just going to do." He congratulated Col. Barrell on his efforts on behalf of the pensions scheme, and also referred to the fact that the Home Counties M.P.A. was the first in the Young Master Printers' movement.

Lieut.-Col. R. F. Truscott replied to the toast.

Besides those already mentioned there were present at the luncheon: Messrs. R. B. Fishenden, A. E. Goodwin (Federation director), F. H. Bisset (Federation secretary), and L. J. Cumner (assistant secretary of the Federation).

ANNUAL MEETING

The annual meeting of the Alliance, which followed, was presided over by Col. Barrell, who read and moved the adoption of the committee's report for the year.

The report mentioned that during the year under review much had been asked of the members, who had responded in a gratifying manner. In reviewing the work of the year, the report mentioned the Alliance's activities in such matters as grading, costing, young master printers' movement, national savings, and insurance of employees.

In moving the adoption of the report, Col. Barrell referred warmly to the fine work of the headquarter's staff—Mr. P. D. Michael (secretary) and Miss Bull.

Mr. Murray seconded the motion, and the report was unanimously adopted.

The balance sheet and accounts were also adopted on the motion of Lieut.-Col. R. F. Truscott.

Thanks to the retiring president and other officials were tendered on the motion of Mr. V. E. Goodman, seconded by Mr. Gibb (Watford).

On the proposition of Col. W. H. Barrell, Lieut.-Col. Roy F. Truscott was unanimously elected president of the Alliance for the ensuing year.

Mr. W. Amison was elected senior vice-president, on the motion of Lieut.-Col. Truscott, seconded by Mr. A. Thompson (Bournemouth); and on the proposition of Mr. W. Amison, seconded by Mr. O. Viney, Mr. R. A. Austen-Leigh was unanimously elected junior vice-president.



LT.-COL. ROY F. TRUSCOTT

New President of the Alliance

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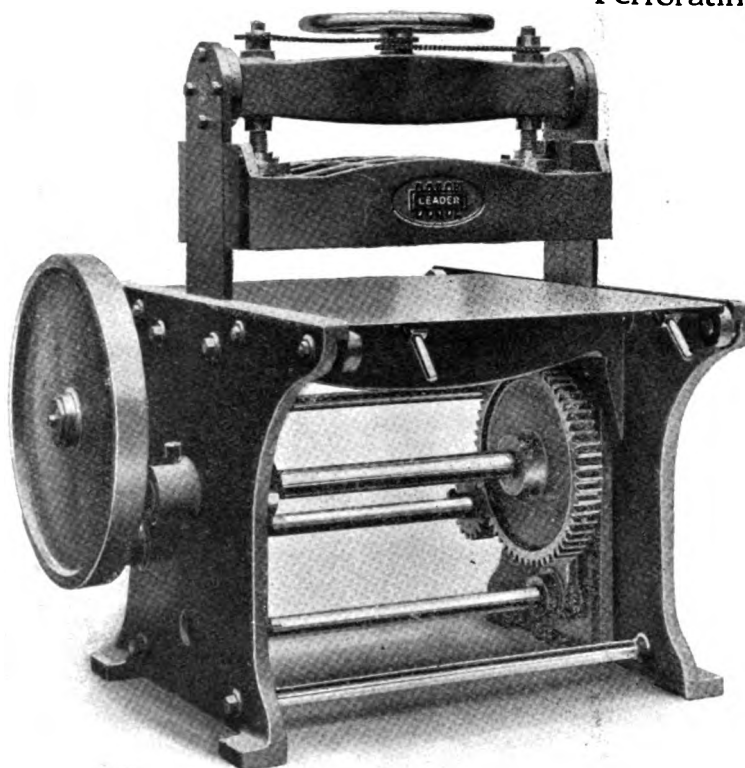
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Mr. David Greenhill was re-elected treasurer, on the proposition of Col. Truscott, seconded by Mr. F. G. Hewitt (Portsmouth), and Mr. F. Fisher (Brighton); and the auditors, Messrs. A. C. Roberts, Wright and Co., were re-appointed.

The proceedings terminated with a brief address by the new president.

THE NEW PRESIDENT

The election of Lieut.-Col. Roy F. Truscott to the presidency of the Home Counties Master Printers Alliance will meet with the unanimous approval of all who are privileged to know him.

Lieut.-Col. Truscott is director and general manager of Jas. Truscott and Son, Ltd., and he has always been a keen, extremely well-informed member of the printing industry. His great versatility is shown by a career which has included the Law, the Army, and business.

He took his degree of M.A. at King's, Cambridge, and subsequently studied for the Law and was called to the Bar in 1909. After service in the Great War, he was editor-in-chief and managing director of the *East African Standard*, and later returned to London to the firm of Jas. Truscott and Son, Ltd.

Col. Truscott has already been president of the London Master Printers Association, and also of the London Central Districts M.P.A., and his experience in these positions coupled with a wide practical knowledge of the printing trade make him a splendid leader of the H.C.M.P.A.

The First Stationer

An attractive piece of publicity matter has been issued for the competition launched in connection with the Better Stationery Campaign. It is provided for the use of stationers and is suggested as a form of invitation to a better stationery display. The front page of the folded invitation card bears in orange and black a picture of "The First Stationer" disposing of his wares in the street, and the following description of this interesting character is printed inside:

It appears that it was early in the 15th century that the custom is first heard of for pedlars to sell writing materials in the streets of the City of London, notably in the vicinity of St. Paul's Cathedral and Cheapside. Some hawked their wares further afield, whilst others were licensed to remain stationary in appointed places and it was this class who were called stationers. The stationers were formed into a Guild in 1403 and received their first charter in 1557.

On the third printed page is set out the suggested announcement of a special display of "really good quality stationery," and on the fourth page it is intimated that the display will consist of "the products of British paper mills which have been famous for generations past as producing the highest grade papers of world wide repute." This is followed by the caption, "Let your letter paper be a British paper." The brochure is printed on watermarked paper in good style.

THE late Mr. G. A. Pike, of Barnet, a director of the Inveresk Paper Mills, of the Daily Chronicle Investment Corporation, of the United Newspapers, and other companies of the Harrison Group, left £20,020.

Master Printers' Dinner & Dance

Happy West-London Function

Members of the West and North-West Master Printers Association with their ladies met together under happy circumstances at Pagani's Restaurant, Great Portland Street, on Tuesday evening of last week. The event was the annual dinner of the Association, and Mr. S. N. Heron (the retiring president) was in the chair. The speechmaking was curtailed to a minimum, and instead the time available was given over to social intercourse and dancing, an arrangement which appeared to meet with much approval.

Amongst those present in a gathering which was quite representative of the membership of the Association were Messrs. Alfred Langley (president, London Master Printers Association), J. R. Burt, R. F. Hunger, F. A. Perry, J. Emlen Jones, P. G. Crannis (hon. secretary), W. L. Sidders, W. J. Pollock, A. T. Philp and F. Briant.

MR. HERON'S YEAR OF OFFICE

In his very few remarks at the close of the dinner, Mr. Heron expressed thanks for the warm support he had received from the members during his term of office, and in wishing for the same loyal co-operation for his successor, he said he believed Mr. Philp's methods of conducting a campaign admirably applicable to the younger master printer. Mr. Heron also took the opportunity of thanking their secretary (Mr. Crannis) for the assistance he had rendered him as president.

Mr. Langley, in felicitous and humorous terms, briefly conveyed greetings from the Association to the visitors and ladies present, response being made by Mr. A. E. Owen-Jones.

Mr. W. L. Sidders in appropriate fashion passed on to Mr. Heron the thanks and appreciation of the members for his able occupancy of the presidential chair, an expression which was very cordially received with musical honours.

Dancing agreeably occupied the attention of the company for the remainder of the evening.

ANNUAL MEETING

At the annual meeting of the Association, which was held immediately before the dinner, Mr. A. T. Philp was elected president in succession to Mr. Heron.

Mr. J. R. Burt, who presented a satisfactory financial statement, was unanimously re-elected treasurer.

Mr. P. G. Crannis was unanimously re-elected hon. secretary, and he and the following were appointed as the district representatives on the L.M.P.A. Council: Messrs. A. Philp and W. L. Sidders, with Mr. J. R. Burt and Mr. Alf. Langley as ex officio members of the council.

MESSRS. JOHN GREIG AND SONS, the Edinburgh printers' and bookbinders' engineers, send us a poster which carries excellent half-tone illustrations depicting some of the machinery by which these makers have won a name for themselves in the printing and allied trades. The central item is the latest model of the "New Conqueror" self-clamp guillotine. The new Greig "Smasher" is amongst other bookbinding machinery shown, and such machines as an ink-grinding mill and a small lithographic press are also included.



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The Purchasing of Print

Price and Progress

In an article directed to purchasers of printing, the following appears in the *Commonwealth*:—

"The conditions prevailing in commerce are such that economy has to be observed. Money is not spent for the sake of spending, but for the acquisition of something that is needed. In printing, as indeed in regard to many other things, economy does not necessarily mean the cheapest. Keen business men are prepared to, and do, pay good prices for good work, because they know that in the long run it pays. Many also realise the necessity of encouraging the growth of the workers' organisations and stipulate that it should be done under Trade Union conditions. They do this because they know how much negotiations between employees and employers are facilitated when the two sides are well organised. The better the organisation, the better are the agreements arrived at; the better, therefore, does the trade fulfil its functions.

"If purely commercial men can act in this way, how much more should those who profess to act in a philanthropic manner and who are presumably actuated by a greater love for their fellow-men! To bring the general down to the particular and on to our own doorstep, it is a lamentable fact that many clergymen when arranging for the printing necessary for their churches, whether it is the localised magazine, programme of weekday activities, or stationery, do make great efforts to get it executed at the very lowest cost. It is quite understandable, but do they know all their action involves? If they did it is hardly conceivable they would persist in doing so.

"Experience in giving orders for printing soon enables one to judge what a fair price should be. If the lowest figure of several estimates is very much lower than the others then either a mistake has been made or the work will be executed under conditions that should not be encouraged. Prices much below the average are invariably attained by paying low wages. It is not only that the journeyman's ordinary and overtime wages rates are below those agreed on, but that a large amount of boy labour is employed. The agreements provide for certain ratios between the journeymen and apprentices. This has the beneficial effect of keeping the recruits to the trade in an approximate relationship to the requirements of this particular section of the labour market. This good practice is ignored by the unorganised employer, who exploits these boys for his immediate profit, turning them adrift not properly trained as they get older. This is certainly not good for the boys and tends to lower the standard of workmanship in the trade.

"These undesirable conditions could be effectually discouraged if all buyers of print were to insist on their work being done under Trade Union conditions. If they ask for estimates for their work, and when they then accept the lowest price, they can rest assured that it is the greater capacity of the proprietor for organisation or economy in his printing office that has caused the favourable price as each employer has had an even start so far as concerns the workers' wages and working conditions.

"From every point of view it is good that the workers' standard of life should be maintained and if possible be made higher. It is, therefore, particularly desirable that individuals and organisations connected

with the Church should help to the extent of their power in this matter. In this concrete detail of buying printing produced under fair conditions there is a fitting opportunity of putting good intentions to practical application."

Progress in Lithography

Edinburgh P.M.&O.A. Lecture .

An instructive lecture was given by Mr. C. Parkinson (lecturer in lithography, Heriot-Watt College) at the May meeting of the Edinburgh Centre of the Printers' Managers and Overseers' Association. A large audience closely followed Mr. Parkinson's review of modern tendencies and his own experiments in technical developments, his answers to questions also evoking much interest.

As factors in lithographic progress, the speaker pointed to the introduction of the aluminium plate as marking the beginning of the lithographic revival, which was also greatly aided by the adoption of the rotary principle. He showed the benefits brought by the use of the offset method and the application of photography to litho printing. Of special interest was his discussion of colour-correction expedients as now being applied to lithography, giving the lithographer control over colour values in a manner somewhat analogous to the "fine etching" of the photo-engraver. He also stressed the advantages of the "Offset Intaglio" process, in which the image is slightly sunk into the lithographic plate.

In view of the progress made in these and other directions, Mr. Parkinson expressed the opinion that lithography's rate of progress would be accelerated in the years to come.

A Canadian Calendar

Messrs. Samuel Jones and Co., Ltd., send us a calendar which is in several respects most noteworthy. One unusual thing about it is that it is issued at a time when the receipt of a calendar is a rarity—its range of monthly tear-off pages is from May, 1930, to April, 1931. A unique attraction, too, is that each sheet reproduces one of a series of twelve realistic and artistic paintings of Canadian birds, specially executed by Major Allan Brooks. The reproduction is admirably done by offset lithography in eight colours, on paper made by the Howard Smith Paper Mills, Ltd., Canada—for whom Messrs. Samuel Jones and Co. are distributors, holding in London large stocks of their bonds, ledgers, covers, text papers and blottings. The particular paper exemplified is the Howard Smith Mills "Universal Offset Cartridge," which they claim is one of the finest papers in the world, not only for the results obtainable, but for fast running, it being entirely free from fluff, also a brilliant white colour.

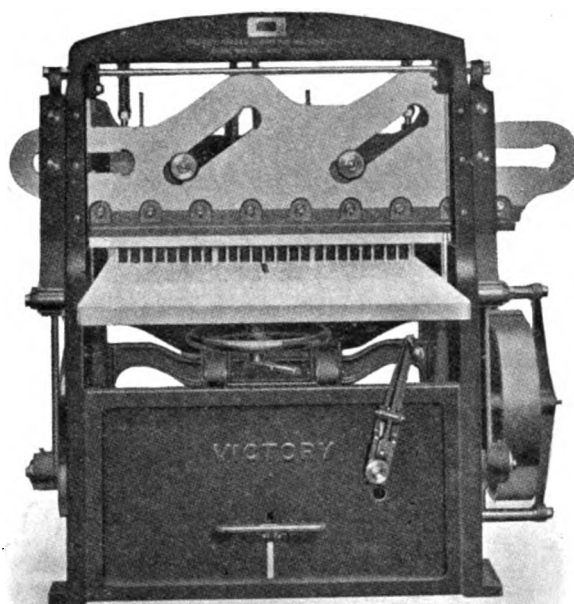
ADVERTISING CONVENTION.—The sixth annual convention of the Advertising Association, to be held at Hastings from June 21st to 25th, will have as its theme "Increasing Trade by Advertising." Sessions devoted to Printers, Direct Mail, Poster Advertising and Manufacturing Stationers, are amongst the many arranged.

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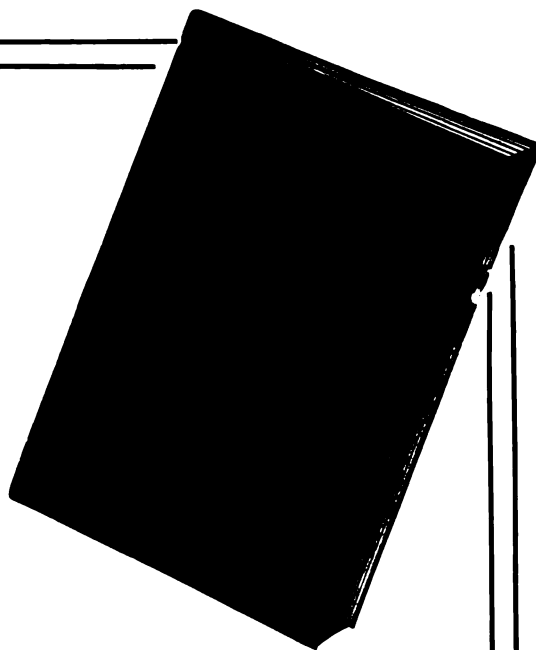
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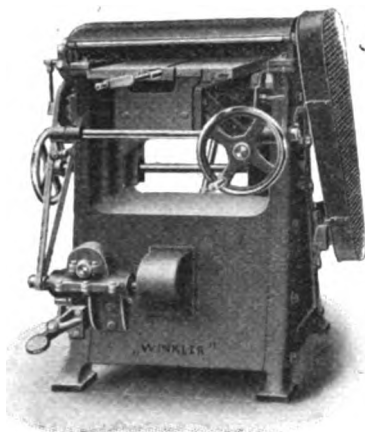
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Reducing Make-Ready

A "Winkler" Aid to Accuracy

The demand for speed and efficiency in the printing industry to-day, is leading to ever-increasing efforts towards reducing time spent on make-ready in the machine room. Progressive printers all over the world are gradually revising the traditional methods which have been handed down from the days when machines, type and paper were far less precise in their manufacture than they are to-day.

One of the most important developments in this direction lies in the elimination of wood mounts for blocks. Tests made with precision instruments show that wood-mounted cuts sink from .003 in. to .015 in. under impression, which is equivalent to two thicknesses of heavy manilla. Here, obviously, exists room



"WINKLER" MILLING MACHINE

for improvement. There is no doubt that the stereo-metal mount gives consistently better results when printing from a mixed forme of plates and type; better printing impressions are obtainable from unyielding metal than from a material which warps or shrinks. The stereo, copper, zinc or electro plates can be attached to the solid metal bases either by sprigging or by sweating-on, whereupon the backs of the bases are planed on a machine.

In a machine for this purpose, accuracy is naturally essential, and in this direction the "Winkler" milling machine of Messrs. Wm. J. Light and Co., Ltd., is of special interest. It can, we are told, mill type-high plates and slabs consistently true to a degree of .001 of an inch, plus or minus. A similar degree of accuracy is obtained on the "Winkler" when milling pica plates, provided they are not distorted and are level over the face.

While the bed travels, the milling cutter with multiple cutting edges has a rotary and suitably rapid reciprocating motion, thus ensuring a perfectly true and smooth cut during forward and backward travel. The cutter exerts *comparatively little pressure* on the plate. Two inclined steel combs are arranged in front and at the back of the milling cutter to exert suitable pressure when working pica plates.

A machine such as the "Winkler" is invaluable in newspaper work, where great care is now being taken to ensure good pictures.

The "Winkler" handles plates up to 17 in. by 23½ in., and is supplied with 1½ h.p. built-in motor.

New British Patents

Full copies of published specifications (1s. each) can be obtained from the Patent Office, 25, Southampton-buildings, London, W.C.2

APPLICATIONS

- Addressograph, Ltd. Sheet-feeding mechanism for printing machines. 14,384.
 Beedle, H. W. Inking arrangements of printing machines. 14,205.
 Bindley, W. T. Robinson-. Printing. 14,088.
 Cline, A. J. Controller for printing presses, etc. 14,339.
 Hodge Ranger, Ltd. Sheet delivery mechanism for printing machines. 14,320.
 Impey, F. L., and Morland and Impey, Ltd. Loose-leaf binders. 14,014.
 Internationale Tiefdruck Ges., and Wolfsohn, K. Preparation of printing surfaces. 14,498.
 Jones, A. J. Paper bags, etc. 13,942.
 Marshall and Hackett, Ltd. Drying apparatus for printing, etc., machines. 14,416.
 Moore, B. Perforating devices for paper, etc. 14,302.
 Ramsey, A. R. J. (Vortex Cup Co.). Blank for paper cups. 14,383.
 Stean, J. H. Machine for securing embossed effects in printing, painting, etc. 14,318.
 Triggs, W. W. (Wood Newspaper Machinery Corporation). Printing presses. 14,476.
 United Glass Bottle Manufacturers, Ltd. Collapsible boxes. 14,488.
 Vale, H. E. T. Books, maps, etc. 14,469.

SPECIFICATIONS PUBLISHED

1929

- Grammer, A. L. Bookbinding. 328,559.
 Hart, H. (Mergenthaler Linotype Co.) Typographical composing machines. 328,884.
 Klinge, P. A., and Borgstrom, O. E. Feeding the casting pots of type-composing or like machines. 328,897.
 Laughy, J., Todd, J. W., and Whiteside, D. Inking apparatus for printing machines. 328,648.
 Le Grand, R. P. A. Apparatus for feeding paper to printing machinery. 307,067.
 Levison, H. Clamping devices for mounting printing plates. 305,173.
 Linotype and Machinery, Ltd., and Dowson, R. Tripping mechanism of rotary printing machines. 328,764.
 Maschinenfabrik Augsburg-Nurnberg Akt.-Ges. Rotary printing machines. 307,892.
 Molins, W. E. Packages for cigarettes. 328,751.

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INSPECTION BEFORE ACCEPTANCE

1930

- Hanel, C. Inking device for printing apparatus. 13,325.

THE Association of Master Printers of South-East London is to visit the Sawston Mill (near Cambridge) of Messrs. Spicers Limited, on Tuesday, June 17th. The journey is to be made by saloon coach, and the outing will include a visit to Mr. H. G. Spicer's model farm.

Trade Notes

A COUNTERCLAIM by Robert H. Ruddock, Ltd., of Adam Street, W.C., in an action which was brought against the company by Carmelite Trust and Associated Anglo-Atlantic Corporation in respect of shares in Anglo-Foreign Newspapers was heard on Wednesday last week in the King's Bench Division and was dismissed with costs.

THE Shakespeare Head Press, Stratford-on-Avon, which was set up by the late Mr. Arthur Henry Bullen in 1904 is being transferred to Oxford. Some very fine work was done there, including ten handsome volumes of Stratford Town Shakespeare, the last of which was finished in 1907. A thousand copies were printed on hand-made paper and twelve on vellum. Other triumphs of the printers' art were editions of Froissart and Chaucer.

SUBSTANTIAL benefits are derived by the whole of the employees of the Solicitors' Law Stationery Society, Ltd., from the excellent profit-sharing scheme which that enterprising firm set up some years ago. As the result of the past year's working, the sum of £19,542 8s. 2d. has been distributed, representing an addition of 16 per cent. to each worker's remuneration, or approximately an extra eight weeks' pay.

THE Association of Publishers of Christmas and other Greeting Cards and Calendars is organising for retailers a big national scheme for displaying window cards, cut-outs and other material which the Association will supply, and for advertising in the local Press, for which stereos will be lent. The Association itself is to conduct a national Press campaign.

THE British Colour Printing Company are seeking leave to amend the specification of Patent No. 245,510 granted to them for an invention entitled "Improvements in advertising or display devices."

IN respect of Patent No. 7202 of 1915 for the invention of "Improvements in or relating to the Casting or Production of Elements of Printing Forms," the Lanston Monotype Corporation, Limited, assignees of the Patent are seeking to have the term of the Patent extended for a further term of five years.

WE much regret to record the death of Mr. John L. Greaves, editor and part proprietor of the *Papermaker* and associate journals, who died suddenly at his home at Chingford on Friday night. Mr. Greaves was a Past Master of the Gallery Lodge of Freemasons. He was about 64 years of age.

MR. ANDREW WHITE, whose death has taken place at Beaconsfield, was the managing director of the Trader Publishing Company, which issues the *Motor Trader*, the *Motor Cycle and Cycle Trader*, and other periodicals. Mr. White was formerly on the staff of the *Birmingham Post*.

THE late Mr. Charles James Corkran, of Worcester, at one time editor of the *Coventry Standard* and afterwards owner of the *West London Press*, the *Westminster and Pimlico News*, the *Fulham Chronicle*, and the *South Western Star* at Battersea left £11,142.

THE late Mr. J. C. Soames, of Bayswater, W., and Norfolk Street, Strand, W.C., solicitor to *The Times* and to the Newspaper Society, left £35,577.

THE late Mr. George Schleiermacher (82), proprietor of Messrs. Francis and Sons, printers, of Mile End Road, E., left £7,792 (net personalty £5,254).



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Trade Union Matters

COMPOSITORS' GENEROSITY.—An appeal among the members of the London Society of Compositors on behalf of the widow and children of the late Mr. T. C. O'Brien, a member of the staff of the *News of the World*, has realised £124. During Mr. O'Brien's illness, lasting nearly three years, his colleagues contributed over £230 towards his support.

THE executive council of the National Society of Operative Printers and Assistants is inviting suggestions from the membership as to a fitting memorial to the late "Jim" Keep. A garden at the Society's Memorial Home has been suggested, also a Sanatorium or Settlement.

THE ballot for the election of assistant secretary of the National Society of Operative Printers and Assistants has resulted in the appointment of Mr. W. C. Tidmarsh, hitherto assistant secretary of the Machine Branch, London. Mr. Tidmarsh has accordingly taken up his new duties this week. His election leaves a vacancy in the assistant secretaryship of the London Machine Branch, and steps are being taken to fill this appointment.

LEEDS TYPOGRAPHICAL SOCIETY.—The report of the Leeds branch of the Typographical Association for the first quarter of 1930 states that the high level of unemployment suffered during 1929 has been more than maintained. The average number of members unemployed has been 66 per week, ranging from a maximum of 87 down to 46, which compares with an average of 64 for the closing quarter of last year. The only redeeming feature has been the fact that from the end of January there has been a steady decrease in the number out of work, the last two weeks of the quarter being the best of the whole period.

SOUTH WALES T.A.—It was reported to the recent annual meeting of the South Wales Group of the Typographical Association, at Newport (the president, Mr. J. H. Lewis, in the chair), that the membership, 1,096, was a small increase on the year. An attempt to improve the position of the superannuation fund was made by recommending a sliding scale of contributions, new members to pay more than members of longer standing. It was resolved "That this delegate meeting instructs the executive council immediately to give notice for the abrogation of the agreement with the Newspaper Society and the Master Printers' Federation relating to balancing-time arrangements in newspaper offices."

THE history of the block family from the wood block up to the modern three and four-colour species is told in an interesting and very humorous way by the Sun Engraving Company, Ltd., in a well-produced brochure entitled "Some Chips from the Old Block." With matter written by R. P. Gossop and illustrations by Eric Fraser, this tells the history of the Press illustration right from the time of the Old Grandpa William Woodblock—who, despite his age, is still going strong—to the latest addition to the family, a saucy youngster called Timothy Tint-Block. Other members of the family include Leonardo Line-Block, Herbert Half-tone, Charlie Colour-Block, the Two-Colour Twins, etc. This amusing history is something quite unique in photo-engravers' publicity matter.

East Anglia Printers' Readers

The East Anglia District, Provincial Guild of Printers' Readers, held a quarterly meeting at Field's Restaurant, Beccles, on Saturday last, with Mr. F. T. Peachey in the chair. Members were present from Norwich, Bungay, and Beccles printing houses.

The secretary (Mr. W. E. Cooper) presented his report of the conference held in London, and read headquarters correspondence. The latter dealt with a number of vacancies in various districts, and the steps taken by the national secretary in securing improved berths for members.

The treasurer (Mr. A. A. Oliver) read the statement of accounts for the past quarter, which showed a substantial balance in hand after meeting all expenses. Two examinations had been held during the past six months, and a special levy of 6d. per member had been voluntarily imposed to defray the additional cost. Seven members were successful in securing proficiency certificates, viz., Messrs. W. E. Cooper (Grade I), E. C. Woodhouse, C. A. Johns, W. C. Beecroft, A. W. Balls, W. J. Underhill, and F. A. Browne (Grade II).

Mr. H. Edwards (Beccles) read a paper of technical interest, and succeeded in imparting much information in his usual reminiscent and personal style, acquired by nearly 60 years' connection with various departments of the printing trade. Discussion ensued, and a number of questions were satisfactorily dealt with by the speaker.

At the close of business, visitors were entertained at tea by the Caxton Press Readers' Chapel, and votes of thanks to acting officials brought an end to proceedings. Mr. J. Hughes (Beccles) was responsible for the efficient arrangements for holding the meeting.

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(Concluded from page 488.)

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it has been completed. A Begin Work Order is issued when the first lot is dispatched to the next department. All foremen have on file a copy of the original manufacturing order so they can readily ascertain the details of what is required of their departments.

The "follow-up" or progress reports are made from the individual job time tickets which are collected periodically during the day from each clock station. These tickets are in duplicate, one part going direct to the accounting department and the other to the production office, where they are accumulated for production record purposes after the proper notation has been made on the progress record card.

There is one other use to which the "petty" estimates are put. After an order is actually entered the petty estimate is kept until the end of the day when they are all summarised and a total of the hours sold for each department secured. By extending a line indicating these sold hours on a planning and load chart, the accumulated sold hours during any period can be seen at a glance. The next morning a production report is made up listing the number of productive hours of work actually completed during the preceding day. This is extended in a parallel line below the number of "sold hours" and by simply subtracting

the amount of the accumulated hours the work ahead of any department can be readily ascertained. Such information is of vital importance to the management. Sales efforts can be regulated accordingly and employment problems anticipated.

Seventeen Chosen Types

The National Board on Printing Types which was established in America recently has issued its first report. The function of the Board is to examine and report on the new type faces to provide a guide for advertising purposes.

In the first report, the Board issues a list of existing type faces which it recommends as well-designed, legible and likely to be found in the shops of most well-equipped advertising printers. These faces are: the Caslon range, Baskerville, Bodoni, Cloister, Garamond, Goudy and Goudy Modern, Kennerley O.S., Nicholas Cochon, Le Cochon, Futura, Cooper, Kabel, Scotch Roman, Bookman, Century Expanded and Forum.

MR. JAMES RUSSELL, of Edinburgh, whose death is announced, was for 29 years secretary of the Amalgamated Society of Lithographic Printers.

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Country News

COVENTRY

A FLAT-BED lithographic printing machine has been presented for use in the printing classes at the Coventry Art School.

DERBY

THREE employees of Messrs. Bemrose and Sons, Ltd., have been presented with certificates and gifts on completing 50 years' service with the firm. They are Mr. Samuel Hawbridge, bookbinder; and Mr. Joshua Wragg, carpenter; and Mr. William Smedley, foreman lithographer. Mr. Smedley received a cheque for £50, and Messrs. Hawbridge and Wragg each received £25. Mr. Smedley, who is at present indisposed, was unable to attend the presentation ceremony.

LEEDS

MR. EDWARD H. TILLET, who has been elected president of the Newspaper Society in succession to Mr. A. Browning Lyne, is a member of a family who have for a long period been closely associated with newspaper production. His grandfather, the late Mr. Jacob Henry Tillett, was the founder of the *Norfolk News*, and the new president served his apprenticeship in that office. He later became general manager of the *Bradford Daily Argus*. Subsequently, he was general manager of the *Leeds Mercury*, and in 1928, on the retirement of Mr. Arthur Grime from the general managership of the *Yorkshire Post* and associated papers, he was appointed joint general manager with Mr. Ernest Osborn. Last year he was appointed senior vice-president of the Newspaper Society, in the work of which he takes a keen interest.

NEWCASTLE-ON-TYNE

MR. GEORGE HEDLEY, who for 57 years had been connected almost continuously with the *Newcastle Daily Journal*—50 years as compositor and 7 years as reader—passed away suddenly on Sunday night, in his 84th year. He and Mrs. Hedley, who survives him, celebrated their diamond wedding in October, 1928; there is one son and four daughters. The funeral took place on Wednesday and was largely attended.

THE death has occurred of Mr. John Dickson, overseer of the *Newcastle Journal*, with which he had been connected for 46 years. Deceased, who had been ill only nine or ten days, was widely respected, and enjoyed the full trust of his employers and fellow employees alike.

RYTON-ON-TYNE

MR. ROBERT MIDDLETON, J.P., who passed away at Ryton-on-Tyne last week, had been manager and secretary for many years of the Bible Depot, Pilgrim Street, Newcastle-upon-Tyne, and under his régime the business flourished in a remarkable degree. Mr. Middleton, who celebrated his business jubilee in October, 1929, was a prominent Free Churchman and took an active interest in the public life of Ryton.

SHEFFIELD

THE Sheffield District Committee of the Joint Industrial Council for the Printing Trade have forwarded a request that in arranging the agenda for the coming annual convention of the National Council facilities shall be given for a discussion on the question of improving the standard of apprentices in the printing trade, it being urged that many candidates show a lack of educational qualifications, failing in such subjects as spelling, arithmetic, and handwriting.

Yorkshire Group of the T.A.

Jubilee Dinner

At the recent jubilee dinner of the Yorkshire branches of the Typographical Association, Sir Meredith Whittaker, the eighty-nine-year-old past-president of the Federation of Master Printers, made interesting reference to the early days of printing trade unionism.

Fifty-five years ago, he said, he joined the side of the trade unions, which had been necessary for the liberty and freedom of the men who joined them. As a consequence the employers got to know one another better; and again, there was nothing like coming up against the men who did not agree with them.

The great captains of industry to-day and days gone by came from lowly homes, and there could be no equality of individuals. What they wanted was equality of opportunity. To be ready to seize that opportunity when it came which was the great point.

Mr. H. Skinner (general secretary, Typographical Association) referred to the help given to the Association by Sir Meredith Whittaker from time to time. If they had him in the Council of Employers they would get further in their negotiations than they were at present doing.

Mr. T. Dove (secretary and treasurer, Yorkshire Group) said that in Yorkshire they had 200 men unemployed in the printing trade. If the hours of labour were reduced weekly it would find, at any rate in Yorkshire, work for those 200 men.

Mr. J. W. Lowe (manager, T.A. Approved Society) called attention to the serious menace of tuberculosis in the printing industry, and said it was the duty of the Health Committee of the Joint Industrial Council to tackle the matter at once.

Mr. W. Sessions (immediate past president, Yorkshire Alliance) pointed out that it was part of the employers' duty to get rid of unemployment and short time. He believed there was going to be in the future greater scope, power and helpfulness in the trade unions than ever there had been in the past, because he felt they were moving forward in co-operation.

At the business meeting, earlier, the officers and Group Council were elected as follows:—President, Mr. A. Sykes (Halifax); vice-president, Mr. H. G. Killingbeck (Huddersfield); secretary and treasurer, Mr. T. Dove (Sheffield). Group Council, Messrs. Attack (Wakefield), W. Bottomley (Leeds), J. R. Bigney (Scarborough), T. S. Chalmers (Sheffield), W. Colby (Hull), C. W. Hackers (Doncaster), C. B. Parkin (York), T. H. Rushton (Grimsby), and C. F. Tumber (Bradford).

THE PRESS IN INDIA.—Mr. Wedgwood Benn, Secretary of State for India, stated in the House of Commons on Monday that about 40 newspapers and 17 weekly and bi-weekly periodicals in India had ceased publication since the promulgation of the Press Ordinance.

BANK NOTES CHARGE.—A further hearing took place in Lisbon of the case against Alves Reis and others, charged with obtaining by forgery and fraud, from the London printers of Bank of Portugal notes, a complete issue of notes that had not been authorised by the bank. Letters were read showing that the Lisbon agent of the London firm was in no way to blame. Correspondence regarding the notes was conducted with London direct.

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Commercial Review

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Allied Newspapers ord. 31s. 6d., 30s. 9d., 8 p.c. cum. pref. 20s. 9d., 21s.; Allied Northern Newspapers 6½ p.c. deb. 99½; Amalgamated Press ord. 22s. 6d., 7 p.c. cum. pref. 20s. 4½d., 20s., 5½ p.c. deb. 91½, 92; Anglo-Foreign Newspapers 10½d.; Argus Press Holdings 25s., 7½ p.c. pref. 20s., 20s. 4½d.; Associated Newspapers 23s., def. 26s. 6d., 27s. 3d., 5 p.c. cum. pref. 18s. 6d. xd.; Country Life 5½ p.c. cum. pref. 15s. 6d.; Daily Mirror Newspaper 21s. 7½d., 21s. 10½d., 8 p.c. pref. 26s. 9d.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 103, 103½; Thos. De La Rue 12s. 9d.; John Dickinson 39s. 3d., new 39s.; Financial Times ord. 28s., 7 p.c. cum. pref. 20s. 9d.; Illustrated Newspapers 10s., 7 p.c. cum. pref. 13s. 9d.; Industrial Newspapers 7½ p.c. 1st pref. 9s. 6d.; Lamson Paragon 20s. 6d., 5½ p.c. cum. pref. 16s. 9d., 10 p.c. cum. pref. 25s. 10d.; Lanston Monotype Corporation 37s. 9½d.; George Newnes 5 p.c. cum. pref. 15s. 6d., 7 p.c. 2nd cum. pref. 9s. 4½d., 9s. 1½d.; Northcliffe Newspapers 5½ p.c. deb. 99, 99½; Odhams Press 6s. 7½d., new 6s. 6d., 6 p.c. pref. 16s. 9d., 7½ p.c. A pref. 19s. 10½d., 6½ p.c. deb. 101; Sunday Pictorial Newspapers 62s. 8½d., 8 p.c. cum. pref. 24s. 9d.; Raphael Tuck 20s. 1½d., 20s.; United Newspapers 7½ p.c. cum. pref. 9s. 9d., 9s. 3d.; Waterlow and Sons defd. 33s. 1½d., 4 p.c. cum. pref. 13s. 6d., 14s. 5½d.; Winterbottom Book Cloth 63s. 9d.; Wyman and Sons 7 p.c. cum. pref. 22s., 6 p.c. cum. pref. 19s. 3d.

Dividends and Reports

A. B. FLEMING AND Co.—A final dividend of 10 per cent. is recommended by the directors of A. B. Fleming and Co., printing ink and chemical manufacturers, making 15 per cent. for the year to April 30th last, the same as for the previous year. In addition, a jubilee cash bonus is to be paid, and the board propose to capitalise £100,000 of general reserve and to distribute a free bonus in fully paid shares in the proportion of two shares for each three held on April 30th.

LONDON AND PROVINCIAL SPORTING NEWS AGENCY.—The first accounts of the London and Provincial Sporting News Agency (1929) show that the profit for the year ended February 24th last amounted to £35,117. It is proposed to pay a dividend of 10 per cent., which amounts to £20,000 gross, and after allowing for this sum and reserving £2,833 for commission due to the directors, there will be a balance of £12,284 to be carried forward.

New Companies

WATERS AND TOMKINS, LTD.—Capital £1,000, in £1 shares; printers in English and foreign languages, stationers, lithographers, stereotypers, electrotipers, photographic printers, papermakers, paper bag and box makers, etc. Private company. Directors: S. G. Waters, C. A. Tomkins and A. F. W. Tomkins. Registered office: 4, New Oxford-street, W.C.1.

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of any existing newspapers, periodicals, etc. Private company. Subscribers: F. J. Groombridge and S. D. Thurston. Directors to be appointed by subscribers. Solicitors: Herbert Smith and Co., 62, London-wall, E.C.

FRANCIS HARRISON PUBLICATIONS, LTD.—Capital £6,000, in 5,500 7 per cent. participating preference shares of £1 and 10,000 deferred shares of 1s. each; to acquire the business of producers and publishers of books as formerly carried on by C. W. F. Harrison. Private company. Directors: C. W. F. Harrison, Major C. H. Stringer and W. J. Brand. Registered office: 4, Copthall-chambers, E.C.2.

HOLBORN PUBLICITY, LTD.—Capital £1,000, in £1 shares; advertisers, advertising agents, contractors and designers of advertisements, bill posters, etc. Private company. Directors: J. Pettigrew, S. Mayers and E. F. Funnell. Registered office: 3, Little Gray's-inn-lane E.C.1.

J. AND C. MOORE'S PUBLICITY, LTD.—Capital £1,000 in £1 shares; to acquire the business of a publisher carried on by J. Moores at South Castle-street, Liverpool, as the "Scott Publishing Company," and certain of the assets in connection therewith. Private company. Directors: J. Moores and C. Moores. Registered office: 42, Brownlow-hill, Liverpool.

INDEX DOMESTIC DIRECTORY SERVICE, LTD.—Capital £100 in £1 shares; compilers, publishers and distributors of directories in all its branches. Private company. Subscribers: V. Sheridan and Mary Grew. Solicitors: Bulcraig and Davis, Amberley House, Norfolk-street, W.C.2.

AUTHOR-PARTNER PRESS, LTD.—Capital £1,000 in £1 shares; to assist authors on a co-partnership basis with the publication of their works, to provide for reading and correction of manuscripts and other services ancillary to such publication. Publishers, printers, booksellers, etc. Private company. Subscribers: R. J. Hillier and H. R. Valdy. Directors are to be appointed by the subscribers. Solicitors: Goodman Sounders, Squires and Co., 30, John-street, Bedford-row, W.C.1.

DUBOIS PHILLIPS AND McCALLUM, LTD.—Capital £300 in £1 shares; Admiralty chart inspectors and correctors as formerly carried on by C. K. McCallum, at 5, Chapel-street, Liverpool, and that of dealers in apparatus connected with ships, etc. Printers, engravers, publishers, etc. Private company. Directors: J. T. Miller, W. R. Thomas and W. A. Dawson. Registered office: 5, Chapel-street, Liverpool.

Mortgages and Charges

GEORGE KELLY AND Co., LTD. (printers, etc., 14, Victoria-street, Westminster).—First mortgage debenture dated December 14th, 1929, to secure £3,000, charged on the company's undertaking and property, present and future, including uncalled capital. Holder: C. M. Hildebrand Harmsworth, 4, Kensington Palace-gardens, W.

F. J. PARSONS, LTD. (Observer Buildings, Hastings).—Satisfaction to the extent of £475 on April 14th, 1930, of mortgage dated November 1st, 1922, and registered November 6th, 1922.

ACME SHOWCARD Co., LTD.—Mortgage on land in Green-street, Enfield, dated May 8th, 1930, to secure all moneys

due or to become due from the company to Barclays Bank, Ltd.

TINDALLS (LINCOLN), LTD. (designers, writers and manufacturers of price tickets, showcards, etc., 47, Canwick-road, Lincoln).—Particulars filed of £500 debentures authorised by resolutions of December 7th, 1929, and March 4th, 1930, charged on the company's property, present and future, including uncalled capital, the whole amount being now issued.

B. ROBERTS AND CO., LTD. (advertising contractors, sign writers and makers, printers, etc.).—Mortgage dated November 11th, 1924, charged on 41-43, Camp-road, Leeds (property acquired October 31st, 1926), on which £2,961 12s. 7d. was owing on November 1st, 1929. (Now registered pursuant to Section 91 of the Companies' Act, 1929.) Mortgages: Halifax Building Society.

SIR ISAAC PITMAN AND SONS, LTD. (publishers, etc., Twerton, near Bath).—Satisfaction to the extent of £21,600 on April 16th, 1930, of mortgage debentures authorised July 1st, 1919, and registered October 30th, 1919. (According to the register of mortgages, the debentures registered October 30th, 1919, originally secured £50,000.)

W. J. MAINE, LTD. (paper merchants, etc., 7B, Meal-house-lane, Bolton).—Satisfaction to the extent of all moneys secured on April 26th, 1930, of debenture in favour of Lloyds Bank, Ltd., dated December 12th, 1927, and registered December 17th, 1927.

ALDERS PAPER MILLS, LTD. (Tamworth, Staffs).—Debenture charged on the company's undertaking and property, present and future, including uncalled capital, dated April 30th, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd. (subject to £35,000 debentures secured by trust deed dated December 10th, 1928).

SHREWSBURY "CIRCULAR" PRINTING AND PUBLISHING Co. (1929), LTD.—Debenture dated September 20th, 1929, to secure £5,500, charged on the company's undertaking and property, present and future, including uncalled capital. Holder: J. R. Morris, Severn Villa, Llanerch-road West, Colwyn Bay. (Registered April 29th, 1930, by permission of the Court.)

UNITED KINGDOM ADVERTISING Co., LTD., 59, Shaftsbury-avenue, W.—Agreement and further charge on Kent's Eyot or Taggs Island, Hampton, Middlesex, dated April 14th, 1930, to secure £5,313 2s. 1d., and all moneys due or to become due from the company to Lloyds Bank, Ltd.

SWAN BROTHERS, LTD., printers, etc., Lombard-street, S.E.—Debenture dated April 17th, 1930, to secure £600, charged on land in London and the company's undertaking and other property, present and future, including uncalled capital. Holders: Branch Nominees, Ltd.

MUSICAL WORLD PUBLISHING Co., LTD. (26, Charing Cross-road, W.C.).—Debenture dated March 31st, 1930, to secure £650, charged on the company's undertaking and property, present and future, including uncalled capital. Holder: W. J. Carter, Bedford House, Old Bedford-road, Luton.

Receivers Appointed or Released

CLERY AND SMALLEY, LTD. (advertising contractors, etc., 5, Cathedral-yard, Manchester).—H. Piggott, F.S.A.A., incorporated accountant, of 37, York-street, Manchester, ceased to act as receiver and manager on April 30th, 1930.

EDWARD HUNTER (1929), LTD. (advertising agents, printers, etc., 11, Ironmonger-lane, E.C.).—H. G. Howitt, C.A., of 11, Ironmonger-lane, E.C.2, ceased to act as receiver on March 7th, 1930.

Company Liquidations

Re QUEENSLAND PRINTING WORKS Co., LTD., 8, High-street, Southampton.—Under the compulsory liquidation of this company a statement of affairs has been lodged showing total liabilities £10,154 (unsecured £4,005), and assets £4,149, absorbed in the claims of the debenture holders. The official reports that the company was incorporated as a private company in September, 1919, to acquire and carry on the business of printers, machine rulers and bookbinders, formerly carried on by Edward G. Lawrence at Exmoor-road, Southampton. The nominal capital was £10,000, divided into £1 shares, of which 5,745 have been issued, viz., 4,000 shares allotted as fully paid to the vendor, and 1,745 subscribed for cash. The business taken over was carried on as Richardson and Co. by Lawrence and T. P. Richardson in co-partnership between 1909 and 1916, Richardson retired. Lawrence continued the business under the style of the Queensland Printing Works Co. The purchase price was fixed at £4,000 in shares, and the vendor agreed to discharge all liabilities of the business up to September 30th, 1919. Debentures were issued at various dates, and at the winding up order £6,018 was claimed by the holders, being £5,800 for principal and £218 for interest. A question has arisen whether the debentures are valid, and will be considered by the liquidator, who will, if so advised, take steps to have them set aside by the Court. The failure of the company is attributed to insufficient working capital, to loss of remunerative contracts as a result of competition, and to the depletion of the company's cash resources in connection with the issue of debentures in November, 1926. Mr. A. Granville White, C.A., has been appointed liquidator, with a committee of inspection.

Tribute to the Linocut Successful in Book Illustration

The linocut method of illustration, and, indirectly the firm of Langley and Sons, Ltd., the Euston Press, has received a tribute from an unusual source. In reviewing Henry Williamson's new war-book, "The Patriot's Progress," just published by Geoffrey Bles—which is illustrated with linocuts by Mr. William Kermode, Mr. Arnold Bennett wrote, the other day, that the illustrations "are very good, and just as much a part of the book as the text itself. It would be as fair to say that the text illustrates the pictures as that the pictures illustrate the text. The two forms of expression are here, for once, evenly complementary." Messrs. Langley and Sons are naturally gratified at this remarkable tribute to the illustrations, as the fine paper edition was printed direct by them from Mr. Kermode's linocuts, which were cut from their linograph material. The event is all the more noteworthy because it is understood that "The Patriots' Progress" is the first book to be printed from linocuts throughout.

Messrs. Langley's success speaks highly for the effectiveness that can be obtained, in expert hands, from this method of illustration.

THERE were four fatal accidents in the paper, printing, etc., group of trades during April.

THE Employing Bookbinders of America have just removed their general offices to 28, West 44th Street, New York.

Newcastle and Municipal Printing

The proposal now under consideration by Newcastle Corporation to install a municipal printing plant has evoked the opposition of the Newcastle and District Master Printers and Allied Trades' Association, a letter from whom inviting the co-operation of the Northern Guild of Commerce, was read at a meeting of the latter on Monday. Mr. E. Bewick Ward (R. Ward and Sons) supported the letter warmly, remarking that expenditure on a municipal printing plant was, he considered as an expert, very unwise.

The Guild accepted the Association's invitation to meet its committee on the matter, and appointed Mr. Ward and two other members to be its representatives.

U.S. Tariff Legislation European Printers Affected

A new influence has appeared before the legislators amending the U.S. Tariff, and has brought about regulations that will affect European printers and should be known here.

Sixteen of the American International Unions under the chairmanship of Matthew Woll, one of the vice-presidents of the American Federation of Labour, have formed themselves into "The American Wage Earners' Protective Conference" and have already brought about changes in the U.S. tariff, which provide "The denial of entry of goods claiming the protection of American patents or registered trade marks, or goods the product of either forced or convict labour."

It was shown that large editions of books with American copyright were being manufactured in Europe, central Europe, particularly, and shipped to the United States. Further, American manufacturers were establishing factories in countries where labour was cheap, and, under the protection of U.S. patents, expected to get the products into America at less expense than they could possibly be made under the high wages existing in the United States. This new legislation stops all that. The latter provision is, of course, to prevent free labour to be in competition with prison labour.

Under the existing law, European advertisers can mail individual printed matter direct to the consumer without the payment of duties. This is stopped by a provision that gives "The right to intervene in cases where American purchasers of lithographed or printed matter have these products mailed into the United States without payment of any duty."

At present only the importer and representatives of manufacturers have any standing before Customs Courts in questions as to the valuation and classification of goods being imported. This committee of the unions have changed that by securing "the right to be heard and protest before the Customs Court."

A RECEIVING order under the Bankruptcy Acts has been made in respect of Albert Eugene Walton, paper goods manufacturer, of 99, Redcross-street, Southwark.

The final meeting for the session of the South-West London Master Printers Association will take place on Tuesday, May 27th, at Arding and Hobbs Restaurant, Clapham Junction. The evening will be devoted to a résumé of "The Trend of Events" series of addresses, which have proved so successful during the past season.

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FOUNDED 1878 — PUBLISHED WEEKLY

And Stationer

VOLUME 106
NEW SERIES No. 83

LONDON: MAY 29, 1930

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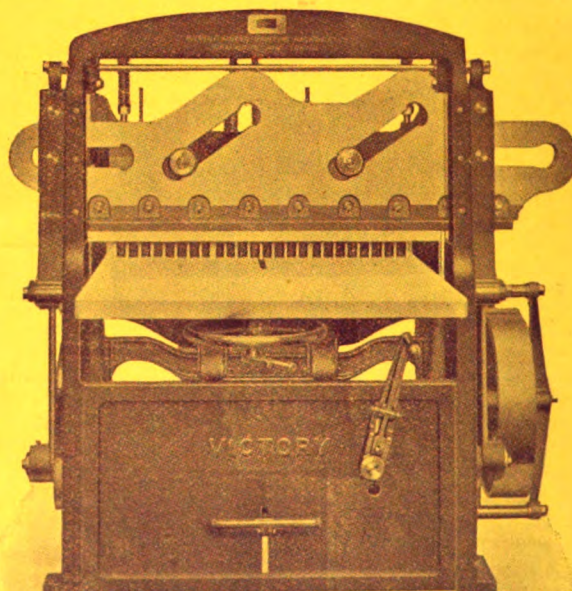
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PRINTING MACHINE
COMPANY, LTD.

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 108
NEW SERIES No. 83

LONDON : MAY 29, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

ONE of the best showings of colour offset work we have seen for a long time is the calendar just issued by the Howard Smith Paper Mills, Ltd., of Canada. Starting with May, and running through to April next year, there are twelve tear-outs, each one containing a picture of bird life. Rarely have we seen cleaner or brighter colour work or better plate-making. Every picture is a gem of its kind, accurate in register, soft in effect but full of really wonderful detail. In fact, the plates are so good that it requires extra effort to take in the fact that it is the paper which is being demonstrated. If these birds have been so beautifully printed just to prove that Howard Smith offset cart-ridge is capable of reproducing good offset work, then we are bound to accept the testimony. But we would destroy the calendar to save the birds.

Publicity Printing

THERE is a very fine incentive for better-class printing in the collection of samples of papers received from Messrs. Grosvenor, Chater and Co., Ltd., 68, Cannon Street, London, E.C.4, and we advise those printers who are endeavouring to meet the present-day demand for well-produced advertising literature to write up for this demonstration set. We very much doubt if there is a paper house in this country serving out to printers anything better in the way of suggestive printing treatments on paper than Grosvenor, Chater. Of course, they have just the right sorts of paper to help printing to look good, but

that only goes to prove the truth of the Strathmore slogan that "Paper is part of the picture."

Choice of Paper

We often wonder why printers devote so little thought to the selection of their papers. In our opinion and experience there is almost a particular paper for every job, no matter what the job may be. More especially in the production of folders, booklets and such-like printed matter, paper is as important an element as any other in the make-up of the piece. We are aware of price considerations, of course; but, no matter what the price, there is room for the exercise of discrimination in the selection of the paper. Even an ordinary pamphlet need not always be of machine-

finished printing. An antique laid paper can be bought at the same price, or a matt finish printing. It is often possible to secure an order at a slightly higher price by scheming a better treatment on a better paper, but the merely mechanical representative could not pull this off: salesmanship and that sort of persuasion or convincing faculty which is closely linked to imagination, is needed when a customer is to be induced to step outside his orthodox intentions.

Now for Edinburgh!

JUST about now, a lot of printers will be on their way to Edinburgh, where, for the first time, the Annual Meeting Cost Congress is being held. This annual event has now attained really high importance in the annals of the

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printing industry. In the earlier days there were many sceptics in the assembly, especially when standardized costing was first mooted. The heroic efforts of those who laboured to introduce methods of scientific costing are now almost forgotten in the present common acceptance of the official Costing System, but it is only about twenty years ago that the trade journals were busy in their correspondence columns broadcasting the views for and against. As with paper standardisation, there were those who saw nothing but upset and interference in newfangled ideas. And opposition was voiced, though less loudly, at the inaugural costing meetings. To-day the principles are accepted as a matter of course, and only advancement

and improvement in detail and technique is debated. So much for the steady march of progress in two decades.

* * *

THE fly program on tinted deckle-edge imitation hand-made antique paper is a characteristically British piece of typography, setting up a high standard which printers will not be slow to appreciate. The illustration of Edinburgh castle is drawn with exquisite taste and printed with equal discrimination. We congratulate those who had to do with it. What we are wondering is whether the paper is of home extraction as it assuredly ought to be. Perhaps some one will be good enough to satisfy us on this point.

Personalia

Mr. William Maxwell, as this year's president of the Federation of Master Printers, will naturally play a large part in the proceedings at the annual meetings at Edinburgh, May 31st-June 4th. A brilliant assembly of master printers from all over the British Isles will support their president.

Mr. A. J. Bonwick, president-elect of the Federation, by reason of his wide experience, both of the trade itself and of master printers' organisations, is singularly well equipped for the office he will shortly take. He has a fine record of service to his credit.

Mr. Alfred Langley, president of the London Master Printers' Association will be another prominent figure at Edinburgh. As chairman of the Publicity and Selling Committee he will preside at the Congress on Monday, June 2nd, and will present a survey of the year's work, a large share of which stands to his credit.

Mr. William L. Bemrose, of Derby, will, as chairman, be an outstanding figure at the Cost Congress. A leading Derby master printer, he is a keen student of costing, and last year did valuable work as president of the Midland Alliance.

Mr. John A. Stembridge, another enthusiastic advocate of costing, will also address the Cost Congress. A great believer in up-to-date methods and machinery, he has wholeheartedly given his services to the Federation, and has served it in many ways.

Mr. A. Williamson, the Federation costing secretary, is, with Mr. W. L. Bemrose, speaking on "Costing To-day and To-morrow." An acknowledged expert in all matters appertaining to costs, Mr. Williamson's work for the Federation has always been of the utmost value and importance.

Miss M. Kneafsey, of Dublin, will be a distinguished visitor at the gatherings. She is works co-ordinator and assistant managing director of Cahill and Co., Ltd., of Dublin.

Mr. E. C. Austen-Leigh is a welcome and respected figure at any gathering of master printers. From time to time he has held many offices of note, including the presidency of the Federation, and since 1925 he has been treasurer of the London Master Printers' Association.

Lieut.-Col. B. L. Hooper will be a personality at the Publicity and Selling Congress. Both publicity and selling are subjects of special interest to Lieut.-Col. Hooper, as those who have heard him speak at the London Central Districts M.P.A. (of which he is a vice-president) appreciate.

Mr. E. C. Keliher, of London, prominent in the Young Master Printers' movement, and Mr. Robert Wylie, Glasgow, will also take a prominent part at the Publicity and Selling Congress.

Mr. E. G. Arnold, the well-known Leeds master printer, will take a leading part at the Y.M.P.'s Congress. His long service in the interests of master printers includes a two-years' presidency of the Federation, while he takes a foremost part in the social life of the city of Leeds.

Mr. A. le Pine Strange, the well-known Eastbourne master printer, was amongst those injured in last week's accident at Eastbourne station when the London-Eastbourne express dashed into the buffers.

We much regret to learn that Mr. Strange suffered a fracture of the shoulder, and though he is getting on as well as can be expected, he has had to cancel his intended attendance at the Edinburgh gatherings.

Mr. Edmund Arnold, the son of Mr. E. G. Arnold (head of Messrs. E. J. Arnold and Son, printers, Leeds, and formerly president of the Federation of Master Printers), has been appointed Vice-Consul for Norway at Leeds. Mr. Edmund Arnold has taken a prominent part in the Young Master Printers' movement.

Miss Joan Hazell, younger daughter of Mr. Ralph C. Hazell (chairman, Hazell, Watson and Vincy, Ltd.) and Mrs. Hazell, is engaged to marry Arnold, only son of Mr. and Mrs. D. K. Brown, of Lelant, Cornwall.

Mr. Percy S. Bullen, for 25 years American correspondent of the *Daily Telegraph*, has been honoured by the State University of Missouri by the presentation of a gold medal.

Mr. W. Whitbourne, general manager of the printing works of Messrs. Unwin Brothers, Woking, has been made a director of the firm.

Mr. Jos. W. Brannigan, a Dublin man, has been appointed superintendent of Munsey's, the well-known New York printing and publishing house.

Mr. Fred Lowe, overseer of the composing room of Messrs. Gibbs and Bamforth, Ltd., the St. Albans printers, has received presentations from the directors and his colleagues on the completion of 50 years in the employ of the company.

The Federation of Master Printers has issued as a neat brochure a full report of the proceedings at the Third International Congress of Master Printers held in London on April 11th and 12th, 1929.

YET ANOTHER

THE CENTURY EXPANDED SERIES

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18-point (18 Δ 916)

THE ONE AND ONLY PURPOSE OF JOBBING OR display is to present a certain aspect of a definite subject as forcefully and as attractively as it is possible. Artistic treatment is not of any value if it hinders the mind from

14-point with Italic (14 Δ 907); with Century Bold (14 Δ 915)

TYPE DESIGN WHICH IS SO PERFECT AS TO DELIGHT every eye will still be a *total failure* as a piece of good printing if it conceals the THOUGHT which it is the mission of printing to tell. Type is made to be read, and to express a thought legibly with perfectly correct typography is the greatest triumph that type can attain or

12-point with Italic (12 Δ 906); with Century Bold (12 Δ 914)

THE LINOTYPE OPERATOR MUST BE ABLE to read and *interpret intelligently* a typographical layout. Only in this way can he assist the layout man to give that service which is necessary to the making of a successful and SATISFACTORY work of

10-point with Italic (10 Δ 905); with Century Bold (10 Δ 912)

THE LINOTYPE OPERATOR SHOULD BE ABLE to read and interpret intelligently a typographical layout. Many operators are of course *already in that position* by reason of their early training with movable type, but there are others who have not had the OPPORTUNITY or the

9-point with Italic (9 Δ 904); with Century Bold (9 Δ 911)

THE JOBBING FIELD HAS REALIZED THE MEANING of the *development in type composition* which has been made by the Linotype, for it is now recognized as the most important advance made in mechanical composition since the introduction of the machine FORTY YEARS AGO. It is estimated that jobbing



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Photo-Engravers in Conference

Successful Gatherings at Malvern

A Happy Industry

The fourteenth annual conference of the Federation of Master Process Engravers, and the first held away from a large town or city, took place at Great Malvern on Thursday and Friday of last week. The occasion was an immense success, firstly owing to the excellence of the arrangements made by the local committee, and secondly owing to the spirit of harmony which always prevails at Process Engravers' functions. The business meetings were strictly private affairs but we are credibly informed that members who had been engaged in acrimonious discussions in session were the best of friends immediately afterwards. Reference was

Engravers—to Malvern on the occasion of their annual Conference. He understood that they were a body of men whose business was that of supplying illustrations for magazines, newspapers, catalogues, and in fact anything that required pictures that were printed by machinery. One had only to look at the daily and weekly papers and the various periodicals to see what marvellous developments had taken place in pictorial illustrations in recent years. And he had reason to believe that the standard of perfection which had up till now been achieved, would be still further enhanced as time went on.



MR. ANDREW DARGAVEL

Retiring President



MR. E. W. HUNTER

New President

made during the speeches following the banquet to the happy relations which exist with the men's union. This is certainly a state of affairs that other industries might copy with profit.

The gathering, too, marked the passing of an epoch in the retirement of Mr. Andrew Dargavel from the office of president in which he has been conspicuously successful for the past sixteen years. Mr. Dargavel was the ideal president, and the Federation is fortunate in having so capable a successor in Mr. Edward Hunter, who was elected during Friday's proceedings.

The proceedings commenced at the Conference headquarters—the Abbey Hotel—on Thursday afternoon with a welcome by the chairman of the Malvern Urban District Council, Mr. W. Sayers who was suitably introduced by Mr. C. W. Harness, the chairman of the Midland Association of the Federation.

Mr. W. Sayers said it afforded him pleasure to welcome them—the Federation of Master Process

After enumerating the advantages of Malvern, Mr. Sayers said he would conclude by expressing the hope that their deliberations might be found profitable to them as a Federation of Master Process Engravers, and that they would see their way to return, if not in a business capacity, at any rate as visitors making a longer sojourn in their midst.

Replying, Mr. Dargavel said they were very delighted to have that very nice welcome from Mr. Sayers, who represented the District Council. He had told them a little about the beauties and charms of Malvern, and to those who had not been there before, like himself, that information was, of course, extremely interesting. Mr. Sayers had referred to the growing progress of illustrations, and the wonderful results obtained by their process, but the more wonderful thing perhaps was that they were one of the few trades in the country which had arrived at a working agreement between employers and men, and so done a great

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deal to solve the industrial problem, which was one of the chief concerns of everybody interested in industry to-day.

Mr. Dargavel presided at the Annual Banquet held at the Abbey Hotel on Thursday evening, the attendance numbering 103.

A witty speech of welcome was broadcast, and caused much mirth.

At the conclusion of an excellent dinner the president submitted the loyal toast, which was, of course, enthusiastically honoured.

Mr. C. W. Harness proposing "The Federation" said that they were members of a trade that had helped other trades. The excellence of their blocks had forced the papermaker to improve his paper, the ink maker to produce new inks, and the machinery makers to produce the required machinery.

Success of the Federation

In his reply, Mr. Dargavel said: In acknowledging the toast of "The Federation," it is scarcely necessary for me to recall the advantages to our trade which have resulted from our movement. These advantages have been so often dealt with on previous occasions that it hardly seems necessary to remind you of them. In speaking about the Federation one can only hope to say a word or two of encouragement with a view to fostering and reawakening, if necessary, a sense of loyalty to the Federation ideal.

In spite of all the prognostications of failure with which we were met, and the general belief that trade arrangements such as we have are never successful, it is interesting to note that our Federation has stood the test of fourteen years of existence. I think practically all our members, representing the great bulk of photo-engravers in the country, recognise the soundness of the principles which have influenced us from the very commencement.

It is perhaps natural that some of our members, previously used to perfect liberty and latitude in all their business dealings, may occasionally chafe under what may appear to be restrictions, but I think it must be obvious to all that any difficulties or disappointments which members may meet with as a result of Federation restrictions, are amply compensated for by the many advantages which the Federation has brought about and by the satisfaction of contributing by strict loyalty to our agreements, to the general welfare of the industry.

Pioneer Work

I came across an article in an old number of the *Process Monthly* a few days ago, written by Mr. Arthur Cox in 1917, just following the formation of the Federation. Arthur Cox, as you know, was for a time president of the Old Association. He had his fault (if it may be called a fault) of a too intense desire to impress others with his own ideas. He had a dominating will which was inclined to resent any difference of opinion on the part of others; but in spite of these "defects of quality" he had a streak of genius—prophetic genius I might say—and did his share in preparing the minds of photo-engravers for the greater work of the Federation which was to follow.

When the Federation was formed, he gave it his hearty support and the article I have referred to might be read by all of us again to-day as an inspiring encouragement to Federation loyalty. I cannot quote the whole article, but one or two extracts from it may be worth recalling. He wrote:—

If you are a member of the Federation of Master Process Engravers, or the Lithographic Artists' Society, you have done your share towards the making possible of the accom-

plishment of the great work of 1916—which may be termed "the great example."

The problem of all problems which stands first and foremost above all others is the problem of how to bring about harmony between capital and labour. This is admitted to be the master problem of the modern industrial state. The process engraving industry, by successfully carrying through their national interworking agreement between employers and employed, through the Federation of Masters on the one part and the Union of the employed on the other—whereby sympathetic considerations have been given by the employer to matters pertaining to the interests of the employed, and like consideration has been given by the employed to matters pertaining to the employer—are thereby bringing about a mutual understanding and creating that harmony between capital and labour which is the solving of the master problem of the modern industrial state.

It is a great work that both parties can be justly proud of. Let all, therefore, realise the weight of responsibility resting upon their shoulders—that they have been parties to the setting of a great example in a great nation.

In referring to this enthusiastic article by Arthur Cox, I think it is only just to remember that although he is no longer in the trade, we owe him a debt of gratitude for his efforts at that time. It is also opportune to recall the efforts of Carl Hentschel in starting the original Process Engravers' Association in 1906, which did a good deal of spade work in preparation for the ultimate formation of the Federation. We all deeply regret that he is no longer with us.

In Arthur Cox's article, I rather like his reference to the example to the nation. The national spirit is something which we would do well to conserve in these difficult times. The progress of our particular industry depends largely on the progress of Advertising; but we should remember that Advertising is merely an adjunct to production. Hard work and concentration are what is necessary and I am not sure in these days of joy-riding, pleasure seeking and golf, that we are taking our work and business seriously enough.

In some of our great industries—which are obviously not so sheltered as ours, those who are responsible for organisation seem to have lost their initiative. Perhaps this is due to entire lack of confidence in present conditions. Let us as an industry do all in our power to set an example to the nation of just, harmonious and loyal dealings amongst ourselves and our workers and for the substantial benefit in service to our clients.

Local Organisation

Mr. E. W. Hunter, proposing "The Local Associations," said that there were three local associations, the Scottish, the Northern and the Midland, which all did good work. He coupled with the toast the names of the following representatives, Messrs. W. B. Hislop, A. Fryers, and J. Sid Gilbett. Referring to the success of the conference away from a large city, Mr. Hunter said perhaps Mr. Hislop could arrange for a further meeting to be held in Edinburgh.

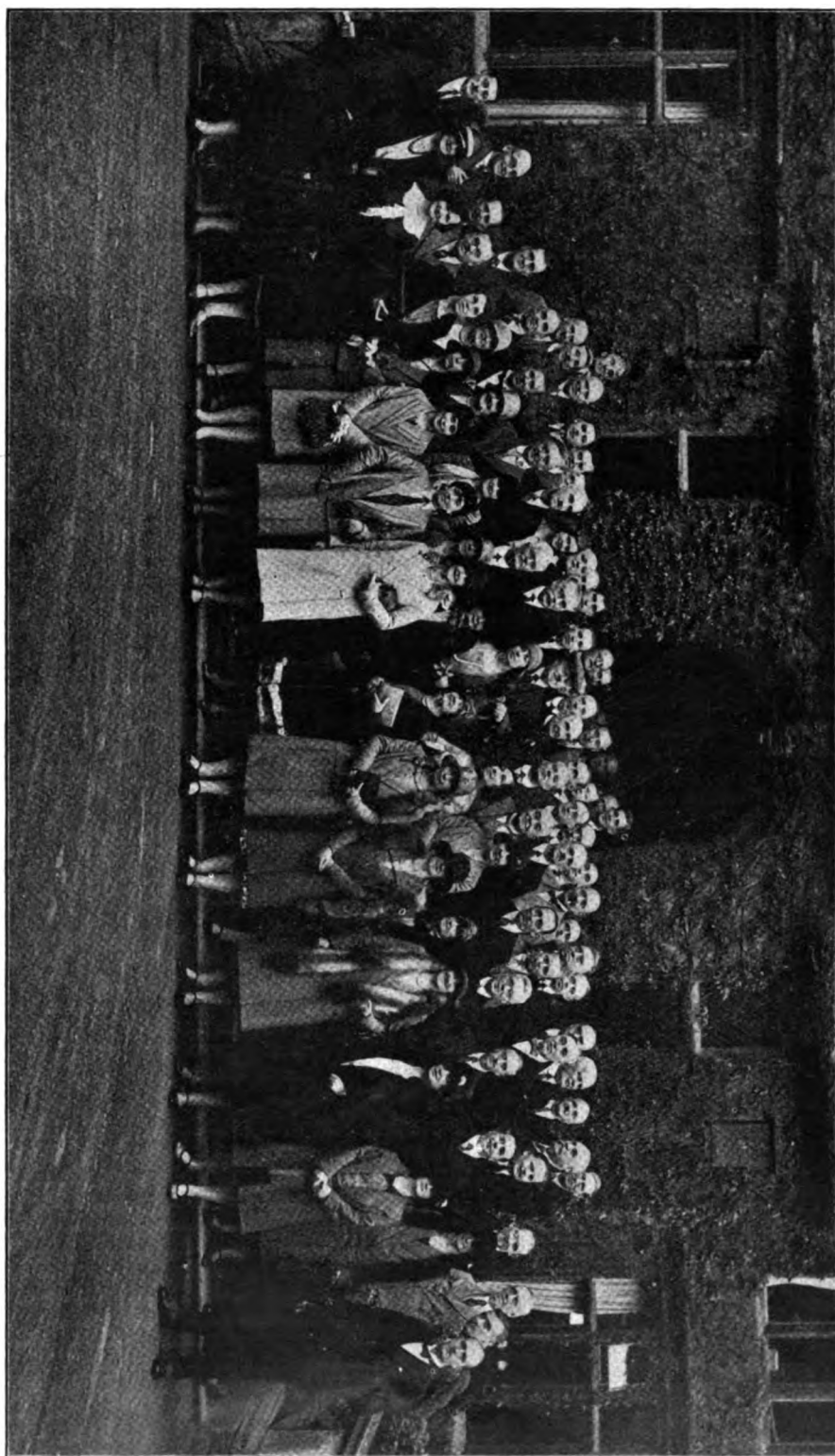
Mr. Hislop, responding for the Scottish Association, said that if the suggestion was adopted he was sure the Scottish Association would do their best to give the Federation a good time.

Mr. Fryers also responded for the Northern Association.

Mr. Gilbett, responding for the Midland Association, referred to Mr. C. W. Harness who had "worked like a brick" for the success of the gathering.

The Guests

Mr. P. J. Bailey, proposing "Our Guests," referred to the presence for the first time of the ladies, and said what a pleasure it was to have those ladies with them. Apologies for non-attendance had been received from Mr. Stephen Horgan, Mr. Louis Flader, and Mr.



Master Process Engravers
The Group Photograph of the Malvern Conference

George A. Read, of New Zealand. Coupled with the toast was the name of Mr. S. A. Best, the treasurer of the Australian Photo-Process Association.

Mr. Best, responding, said they had more courage in this country than they had in Australia since they had never had the courage to ask ladies to any of their functions in Australia. He was an Englishman born and bred, and had returned to this country after many years' absence. At that gathering his old employer came up and said "Best, where have you been?" When there was that spirit amongst them there was not much wrong with the spirit of their craft. Instancing the loyalty existing in the Australian Federation, Mr. Best said that at the 1929 conference in Melbourne the attendances of fifteen members aggregated 24,522 miles. Four from Queensland travelled over 11,064 miles; eight from New South Wales 10,496 miles; two from South Australia 1,988 miles; one from Tasmania 974 miles.

Mr. Dargavel's Services

Mr. H. Entwistle proposing "Our Chairman" in the course of his remarks said: Those of us who were present at the first meeting of the trade held at the Gaiety Restaurant, London, in 1906, and can compare present-day conditions with those existing at that time, are able to form *some* idea of the immense benefits we have obtained under the guidance of our beloved chairman and president, Mr. Andrew Dargavel. As a result of the meeting in 1906 a Process Engravers' Association was formed, and continued to operate with varying degrees of success until 1916. In 1914 our president was elected to the chair and continued to hold this office until the Federation was formed in 1916. He was elected our first president and has held that position ever since—16 years "Hard" has been his sentence, and he has not even had any remission for his good behaviour. He has pleaded for many years to be relieved of his duties, but we felt we could not spare him. Now, after 16 years, much as everyone of us regrets it, we feel we must comply with his wishes, and allow him a little of that rest he so richly deserves.

It falls to the lot of few men to steer an industry through the trials and tribulations of a world war, and afterwards through difficulties, perhaps even greater, to the sound and happy condition of our trade to-day.

His kindly nature has endeared him to all who come into close personal contact with him, and I believe his trust in his fellow members has in a very large measure removed the suspicions with which we were wont at one time to regard each other.

The good feeling which exists between the men's Society and this Federation is largely due to the very fair and courteous hearing which he has always accorded to the men's representatives, and I am sure they, like us, have a warm corner in their hearts for him. He never allows personal considerations to interfere with his decisions on trade matters—his occupation of the presidential chair for so long is proof of the confidence we have in his impartiality—and I feel the debt we owe to him can only be paid in one way—loyalty to the Federation, and a lively activity in its workings.

In passing I would also like to pay tribute to his Firm, Messrs. John Swain and Sons, Ltd., for sparing him for so long, also to Mrs. Dargavel, who must have been deprived of quite a lot of his company. We are indeed deeply indebted to them both. I am glad to say we are still to have the benefit of his advice and

help on the Council and I am sure his successor along with us will be deeply grateful for such help.

Mr. Dargavel, in reply, thanked Mr. Entwistle for his kind remarks and said that if his efforts had met with a measure of success this was due to the assistance and co-operation of all the members of the council, of gentlemen composing the local associations, and practically of every member of the trade. He was deeply sensible of the honour they had paid him in electing him to the position of president year by year, but now that he was able to qualify for an old-age pension he was going to ask them to let him off. The responsibility had weighed rather heavily for some time past. The older the machine, the more it required stopping for a rest, a readjustment and oiling up, otherwise the bearings would soon wear out, the framework begin to rattle, oil ducts get clogged up and the machine work so stiffly that too much strain was put on the motor. The human machine was much the same, with the exception perhaps of oiling up. (Laughter.) To say that he would always take an interest in the Federation affairs seemed hardly necessary. Whilst he would look forward to less responsibility, he would continue to use whatever influence he possessed in furthering the Federation ideal and in co-operating in the policy and principles which it embodied. The maintenance of the Federation and all it stood for were well worth any efforts which might be necessary. They could all work for it and he would hope to do his share. (Applause.)

Social Items

At the conclusion of the banquet, a programme of music was much enjoyed, a notable item being that in which Mr. Gilbert assisted in the rendering of "Watchman, What of the Night?"

The proceedings concluded at an early hour upon the following morning with dancing, and were unanimously voted a huge success.

During the business sessions of Friday, the ladies much enjoyed a trip round the Malvern hills in the morning, and to Worcester in the afternoon.

No word of praise is too high for those responsible for the gathering, i.e., Mr. C. W. Harness (Midland president), assisted by Mr. Sid Gilbert (vice-president), Mr. R. Hofton (a member of the committee), Mr. D. F. Hopkinson (Midland secretary) and Mr. A. E. Dent (Federation secretary).

Amongst the company were Mr. G. W. Venner Dear, of Messrs. Hunter-Penrose, Ltd., Mr. Frank Williams, of Messrs. H. Williams and Co., and Mr. Sidney R. Littlejohn.

VISITORS to the annual meetings of the Federation of Master Printers at Edinburgh will appreciate the useful little notebook which has been prepared especially for their benefit by the Lanston Monotype Corporation. Obviously no ordinary diary could adequately hold the number of notes, details of appointments and other memoranda necessarily made during the eventful week of the Federation meetings, so this neat little compendium has been dedicated by the Corporation to fellow members "who bring much to, and wish to take much away from the most important annual gathering of British executive printers." Space is provided for every conceivable item, including meals, congresses, pleasure trips and social events, recreation, addresses and ideas. Master printers will be grateful to the Lanston Monotype Corporation for their kindly thought.

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Mr. Geo. W. Jones Honoured by L.M.P.A.

It was a fitting tribute to the genius of Mr. George W. Jones, often described as the greatest living printer, type designer and typographer, that on the occasion of his seventieth birthday, London's master printers should honour him as chief guest at the annual dinner of their Association on Wednesday last week.

A Brilliant Assembly

A brilliant and representative assembly of printers was present at the Connaught Rooms, under the chairmanship of Mr. Alfred Langley, president of the London Master Printers Association. It included Lt.-Col.



MR. GEO. W. JONES

R. F. Truscott, O.B.E. (president, Home Counties Master Printers Alliance; past president, L.M.P.A.), Mr. William Maxwell (president, Federation of Master Printers), Mr. W. R. Codling, C.B., C.V.O., C.B.E. (Comptroller, H.M. Stationery Office), Mr. E. C. Austen-Leigh (treasurer, L.M.P.A.; past president of the Federation), Mr. William Will, Mr. A. H. Pollen (Linotype and Machinery, Ltd.), Sir Cecil R. Harrison, K.B.E., Mr. Edward Unwin (Treasurer, Federation of Master Printers), Dr. Rudolf Wolf (of Frankfort), Mr. W. H. Lock (managing director, Linotype and Machinery, Ltd.), Mr. A. J. Bonwick (president-elect, Federation of Master Printers), Mr. A. Bonner, F.S.A. (vice-president, L.M.P.A.), Mr. B. Guy Harrison, F.R.A.S., F.R.G.S. (vice-president, L.M.P.A.), Mr. V. E. Walker, Mr. Ralph C. Hazell, Mr. F. W. Goodenough, C.B.E., Mr. M. S. McCorquodale, Mr. H. B. Cahusac, Sir Arthur Roberts, K.B.E., Alderman Sidney J. Sandle and Mr. Sydney Spalding. The many other prominent personalities of the printing world included a good representation of the district associations of the L.M.P.A.

Much credit is due to Mr. William Whyte and his headquarters staff, to whose efforts much of the success of this brilliant function was due.

Congratulatory Messages

The deep regard in which Mr. Geo. W. Jones is held by the great printers of the whole world was made abundantly clear by the great number of messages of congratulation and good will which lay in a great pile before the president. Mr. Langley read some of them. They came from the King of the Belgians; from the Lord Mayor of London (Sir William Waterlow, K.B.E.), himself a prominent representative of the printing trade; from Mr. Stanley Baldwin; from William Edwin Rudge, probably the greatest American printer, whose work, like that of the man he so warmly congratulated, is famous all over the world; George W. Carter, Government Printer, Washington, U.S.A.; Norman Dodge, president of the Mergenthaler Linotype Co., Ltd., U.S.A.; and from all parts of the world—from France, Germany and the master printers of Holland, from Rome, Gothenburg and San Francisco.

Then there were the speeches—testimony in themselves to the genius of Mr. Geo. W. Jones, and of the pride which British printers feel in being able to claim as a fellow countryman one of the world's greatest printers.

"The Art and Craft of Printing," was the toast which Lt.-Col. Roy F. Truscott had officially to propose, but Col. Truscott presented it as "the toast of Mr. Geo. W. Jones, with which is coupled the Art and Craft of Printing."

It had been said, remarked Col. Truscott, that the industry of printing alone among all the crafts and industries in the world, was born perfect and had been deteriorating ever since. That was a somewhat daring generalisation, containing certain truth and certain fallacy. When the printing craft was born it aspired to work within a certain very limited range, and within that range it was undoubtedly perfect. There was a fallacy in the generalisation, however, even in respect of commercial printing.

Mr. Jones' Work

But it was the work of Mr. Geo. W. Jones which really supplied the refutation of that generalisation.

Members of the printing craft owed Mr. Jones a great debt. His press at the Sign of the Dolphin was known all over the civilised world for the beauty of its type and the finish of its work.

Mr. W. R. Codling, supporting the toast, said that in H.M. Stationery Office they had a warm corner in their hearts for Mr. Geo. W. Jones by reason of his great services on a committee which was appointed ten years ago to select the best type faces and modes of display for Government printing. Continuing, Mr. Codling said he asked his representative on that committee to give his impressions of Mr. Geo. W. Jones on the committee. They were to the following effect: "Printing to Mr. Jones is an artistic expression of his own personality, and he found it very difficult to conceive of it merely as a very urgent method of communication." Despite this, however, said Mr. Codling, Mr. Jones' work had been so valuable that one had only to compare the standard of typography in British Government publications now with what it was ten

years ago to find one permanent monument to his greatness. (Applause.)

Presentations

On behalf of the London Master Printers Association, the chairman then handed to Mr. Jones a sketch of a beautifully-designed loving cup, which is to be executed by Mr. Omar Ramsden, which, he said, would be presented to Mr. Jones at a later date. (Applause.)

Mr. William Maxwell next presented Mr. Jones with an address on vellum, expressing the appreciation of the Edinburgh printers, and their gratification at the widespread recognition of Mr. Jones' early pioneer work in Edinburgh. In making the presentation, Mr. Maxwell said he had two inspirations in his life—one was Mr. Geo. W. Jones, and the other was Plantin.

Mr. Geo. W. Jones, in his reply, referred with pleasure to the presence of some of his old Edinburgh students, including Mr. William Maxwell and Mr. William Will. He also mentioned the presence of Dr. Rudolf Wolf. Quoting a recent public reference to the great Elizabethan writers, Shakespeare and the rest, as "immortals," Mr. Jones emphasised the point that these would not have survived but for the printers who made them immortal—printers who, in the process, became immortal themselves. Mr. Jones also spoke with enthusiasm of the great masters of the past, mentioning such great works as the Gutenberg 42-line Bible.

Dr. Rudolf Wolf expressed the best wishes of the Frankfort master printers to Mr. Jones, and Mr. William Maxwell proposed "The London Master

Printers Association," response being made by Mr. Alfred Langley.

The evening, which also included a very fine musical programme, stands out as a great event in the history of the L.M.P.A.

Municipal Printing

"There seems to be a perfect mania with civic corporations and city councils to start their own printing works, as though the mere application of 'printer's black' to paper transmuted the ink to gold—and profit. Cost of buildings, expenses of plant and management, productive wages, and material, together with interest charges on capital, all combine to raise a big doubt as to the wisdom of it all. The days are long gone by when a printer catering for this class of work reaped a golden harvest. Many of our large multiple concerns make far larger demands upon the printer than some of the townships starting in the printing business require, and the general finding is that it is better to put the work out for tender. With the keenness of the competition, and the necessity with some of the competing firms to farm out certain sections of the job, not much cream is left on the milk. That being so, it seems peculiar that, once a municipality does its own printing, huge profits quickly accrue."—From the *Typographical Circular*, May, 1930.

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Photo-Lithography :

Notes on Some Cognate Processes

By CHARLES HARRAP

In 1908 Mr. Arthur Payne, F.C.S., F.R.P.S., brought forward a method of photographing directly upon sensitised zinc, copper or aluminium, whereby the use of glass (or paper) was to be eliminated.

Paynetype

The method was applicable to line or cross-line screen work, and samples were printed in "Penrose's Annual," 1908-9, Vol. 14, of line work and cross-line work through screens of 133 and 65 lines on copper and zinc respectively. Owing to the sensitiser, the exposure was much longer, and therefore inapplicable to instantaneous work.

The advantages of the process include less manipulation, no heating of resist, no reversing in the camera, no printing-down, and no negatives. In point of speed, it occupied ten minutes to produce a plate ready for etching; and when a positive plate was required from a positive copy, it could be done in a further ten minutes, ready for etching.

The patents for this process were registered in Great Britain in 1907 and 1908; and in "Penrose's Annual," Vol. 15, a description of the process was published. The description has been modified by subsequent practical work, and these variations are included in the following outline.

The Sensitised Plate

The process having been more or less restricted to zinc plates, it is understood that the treatment is for zinc. The prepared plate is grained zinc with a spirit soluble varnish all over it, and a final thin layer of gelatino-bromide emulsion. The varnish prevents any inter-action of the zinc and emulsion. The emulsion was made for the same speed of exposure as wet collodion.

The plates keep well in storage, and should always be handled in yellow light.

Exposure

The subject having been focussed on the ground-glass screen, the sensitive zinc plate is exposed in the dark slide. By using masks in the dark slide, and properly adjustable mechanism, several subjects may be photographed on one plate. The subject on the copyboard is highly illuminated, because there is no subsequent intensification or reduction. This is to avoid making shadow dots too large by a flash-light exposure. The best results have been obtained by using one stop only—square or round—and the largest dimensions suitable to subject.

The exposure varies with the character of the copy. For such a subject as equal black-and-white, brilliantly lighted, the exposure was 20 seconds, at F40, and the cross-line screen at $\frac{1}{2}$ in. from the zinc plate. If the copy does not contain white, but is practically black, then the screen distance is to be increased and the exposure normal. If there is no "black" in the copy use the normal screen distance and reduce the exposure. If the copy is neither "white" (light) nor "black" (solid, dense), increase the screen distance and reduce the exposure. These variations in exposure are to

obtain pin-point dots or solids, and the screen distances to obtain the fine dots in the high lights with suitable weight in the shades.

Development

The zinc plate is rinsed in water and immersed in the developer, consisting of: pyrogallol 1 oz., ammonium bromide $\frac{1}{2}$ oz., potassium metabisulphite 1 oz., distilled water 10 ozs., which forms a stock solution, from which use 5 drachms to 20 ozs. (pint) distilled water and add 80 drops liquor ammonia .880 for each developing bath.

Instead of this developer some practical photographers have made it up without the ammonium bromide, as follows: pyrogallol 1 oz., potassium metabisulphite $\frac{1}{2}$ oz., distilled water to make up to 10 ozs.; this as a stock solution. From it take 2½ ozs. and add water 17½ ozs.; then add that to a solution of sodium carbonate crystals 2 ozs., sodium sulphite crystals 2 ozs., in distilled water 20 ozs.

The developed negative should be hardened in a bath of 5 per cent. potassium dichromate, after which dissolve and wash away the unexposed film with hot water. Follow by immersion in alcohol or methylated spirit to dissolve the varnish underlying the unexposed film from the plate. Wipe out the varnish, and if not clean enough, repeat the bath and use a wad of cotton wool and water to remove it entirely, leaving the positive picture as clean-cut channels and pits in the negative. The plate is well washed and dried over heat, face up. In this condition the bare zinc should be cleaned with acid-alum-water, washed and dried, and is then ready to receive a strong wash-out fluid, such as a "doctor" of lithographic draughtsman's ink and bitumen in turpentine. This should be allowed to stand for an hour or so before removing the negative, which consists of the original varnish and the gelatino-bromide emulsion. The emulsion can be dissolved by weak acetic acid, and the varnish by alcohol.

The result is a strong positive "picture" on the zinc, to be used by the lithographer, or by dusting with a resist and etching into relief for a letterpress block.

The similarity of this process to that of Vandyke (fully described in this paper of March 7th, 1929) is so marked that it will be readily understood that the process is applicable to line work and the coarser counts of cross-line screen work.

As already indicated in the issue of this paper for May 1st last, the Paynetype process will require much more practical investigation before it can be adopted as a suitable method in modern photo-lithography. This process is not now on the market, but at the time it was introduced a skilful operator could get excellent results.

Distance of Screen from Plate

The following table, constructed by Mr. G. C. Laws and published in *Penrose's Annual*, Vol. 30, is a useful guide to camera operators in adjusting the distance of the cross-line screen from the sensitive plate to meet the requirements of the various counts of screens in common use.

Screen lines per inch.	Distance from plate in 3 ^{nds} of an inch.	Screen lines per centimeter.	Distance from plate in milli- meters
50	16	20	13
60	13	24	10.5
65	12	26	9
80	9	32	7
85	8	34	6.5
100	6	40	5
120	4.5	48	3.5
133	3.5	53	3
150	3	60	2.5
175	2	70	1.5
200	1	80	1

These figures are based on the normal thickness of all the parts concerned.

Bromoil Transfers

By making photographic prints on bromide paper and treating them specially for the purpose, they can be used as photo-litho transfers. The method is as follows.

Make a vigorous negative, and print on a bromide paper which is smooth and thick. Develop in amidol or metol-hydroquinone developer: (1) Amidol 50 gr., sodium sulphite 650 gr., potassium bromide 10 gr., water 20 ozs.—this will not keep; (2) Metol (dissolve first) 50 gr., hydroquinone 15 gr., sodium sulphite 500 gr., potassium bromide 10 gr., potassium carbonate 100 gr., water 20 ozs.—this keeps well. Fix in the acid-alum-hypo fixer. Wash well for at least 30 minutes and dry.

Bleach the print with special "Bromoil" solution 1 oz., and water 3 ozs. Then immerse it in an acid bath of sulphuric acid 1 oz., to water 20 ozs., and allow it to soak for five minutes. Remove it and wash well.

Fix again in hyposulphite of sodium 4 ozs., sodium sulphite 1 oz., and water 40 ozs. Wash well for three minutes, then lay it out flat on glass and roll it up with lithographic transfer ink. Use a light composition roller; parts which do not take satisfactorily may be strengthened by dabbing ink on them.

Allow the print to dry thoroughly before damping it again to transfer it to stone or plate.

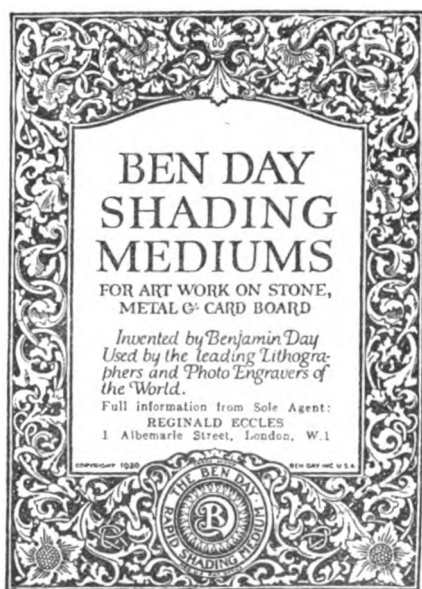
As in all other paper methods, these bromoil transfers are liable to stretch slightly; it is doubtful whether this method will be used to any extent.

Collotype

In its early days, collotype was not viewed in the same light as later when actual impressions were taken direct from the gelatine surface. When photography was accomplished it was dependent upon the action of light in causing changes to take place in silver chloride, iodide or bromide, resulting in the production of a negative picture which was opaque to light, from which positive pictures were produced by a similar chain of operations. The idea of producing a printing surface had not yet developed—that is, a flat printing surface now recognised as planography. The evolution is so interesting that it is well worth recording.

As early as 1839, Mungo Ponton discovered that decomposition took place when wood fibre, paper, or gelatine was mixed with chromic acid and potassium chromate. But even then these results were not recognised as the basis for planographic printing.

In 1852 Henry Fox Talbot experimented with glue and potassium bichromate and found that this mixture after exposure to light became insoluble in cold water. Following this up, Becquerel increased the quantity of the glutinous body and used such substances as starch,



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flour paste, glue, sugar or gum arabic, obtaining similar results. Fox Talbot put the discovery into practical use by photographing upon such a film spread on a metal plate; the positive picture was washed out, and the metal was etched to produce a photogravure plate for printing. In 1854 Paul Pretsch applied the same method, and after washing out the picture he used an electric bath to deposit copper on the plate and thereby produce a "tone" block for letterpress printing. His results appeared in certain periodicals or leaflets, which showed the imperfections of the method. By dint of perseverance, however, he ultimately made tone blocks for at least forty years, some of which may be seen in the early volumes of the "Process Photogram" (1894 *et seq.*).

In the years of Fox Talbot's and Pretsch's experimenting, Poitevin was working on similar lines. He had found that the exposed gelatine and bichromate had the property of retaining printing ink. He worked his experiments upon a paper support, instead of metal, and through this channel invented photo-lithography. In the course of his experiments he actually produced "tone" prints—collotype prints—of an inferior character. Useful progress was made by Tessié de Motay and Maréchal in Metz, who put the film on a metal support. It was found that the film soon came off, and this led Joseph Albert to use glass as the support, so that the back of the film could be exposed to light, to harden it and cause it to adhere. He had a fair measure of success by this practice, and it became known as Albertype—followed by the names of "Lichtdruck" and "Helotype" as time went on and the process was practised in other countries. Some of the earliest work dates back to between 1865-70, and it was some years before anyone attempted it in the U.S.A. or Great Britain, where it became known as "collotype."

Early English Experiments

It was in those early days (1888 *et seq.*) that in England we had to improvise and devise our own apparatus. As I took the matter up then I "invented" my own horizontal whirler instead of the carpenter's brace, and later I designed the iron bedplate for printing in the press, which was made in the engineering department of Manchester Technical Institute. At that time we were all indebted to Mr. W. T. Wilkinson for his practical writings on photo-mechanical processes, to the few photography weekly papers, and to a few lithographers who had worked in the U.S.A. We had to use the English-made gelatines; but not for long, as we were able in the early 'nineties to obtain those fine hard gelatines from the Continent. It is unfortunately true that collotype made little headway in this country, and several firms who produced excellent work ultimately gave it up. Some firms still use it very effectively, and can print it by offset at very high speed. It is the basis of some lithographic methods, and many of the photochromes have been partly produced by this process. It was the basis of the Photo-Stone method, and the application of that method to aluminium as invented by C. Harrap and J. Crawford.

With its present-day application it is coupled with colour separation, which can so largely be assisted by the last mentioned invention. In a sense it is the best method for planography, because the fine granulation is not so pronounced as the cross-line production. It may be said that work thus produced lacks vigour. In a way that is more or less true; but that is not the fault of the process. In the hands of good "colour artists" the plates can be so manipulated that every degree of light and shade can be made apparent.

Anyone who has seen Photo-Stone prints, or prints by the same method from aluminium, cannot fail to be impressed by the intensity of colour obtainable in the colour separation.

There is little doubt that most three-colour prints from cross-line blocks have a monotonous similarity, which will be further apparent when every printer uses the standard trichromatic inks. It is possible for real "colour artists" to etch three-colour blocks so that each picture has an individuality; the same holds good, and even more so, when planographic methods are carried out on grained stone, zinc and aluminium, with the assistance of collotype or other photographic medium, and the number of colours increased. It is overlooked that oil and water-colour artists cannot lay themselves out to produce pictures in a set standard of colours. Nature will not permit of it, and *objets d'art* would lose their characteristics; further, the methods adopted by artists to obtain their transparency, their atmosphere and distances, cannot be successfully attained in three or four colour prints. The few which do approach the ideal are the exception.

Government Contracts

Contracts were placed with the following firms during April:—

Crown Agents

LITHO MACHINE.—Furnival and Co., Ltd., Reddish Ironworks, near Stockport.

PAPER.—Carrongrove Paper Co., Ltd., London, E.C.; North of Ireland Paper Mill Co., Ltd., Ballyclare, Co. Antrim; Reed and Smith, Ltd., London, E.C.; Wiggins, Teape and Alex. Pirie (Export), Ltd., London, E.C.

CARDBOARDS.—Wiggins, Teape and A. Pirie (Sales), Ltd., Bucksburn, Aberdeenshire.

ENVELOPES.—A. B. Swain and Co., Ltd., Ware.

PAPER (OF VARIOUS DESCRIPTIONS).—Caldwells Paper Mills Co., Ltd., Inverkeithing, Fifeshire; Robt. Craig and Sons, Ltd., Caldercruix, Lanarkshire; E. Collins and Sons, Ltd., Glasgow; Alex. Cowan and Sons, Ltd., Penicuik, Midlothian; London Paper Mills Co., Ltd., Dartford; A. E. Mallandain, Ltd., London, N.W.; New Northfleet Paper Mills, Ltd., Northfleet; Wm. Nash, Ltd., St. Pauls Cray, Kent; Portals (John Allen and Sons), Ltd., Ivybridge, Devon; Wiggins, Teape and A. Pirie (Sales), Ltd., Chorley, Lancs.

Stationery Office

PRINTING, RULING, BINDING, ETC.—Group 330 (1930)—Bookwork Printing.—C. Tinling and Co., Ltd., Prescott, Lancs. Group 618 (1930)—Jobwork Printing.—W. P. Griffith and Sons, Ltd., London, E.C.

THREE octavo booklets of interest to students and lovers of the history of the printing craft have just been issued by the Gutenberg-Gesellschaft, Mainz, Germany. These are: (1) By Karl Dieterichs, "Die Buchdruckerpresse von Johann Gutenberg bis Friedrich Koenig" (40 pp., 43 illustrations, RM.8)—"The Printing Press from Johann Gutenberg to Friedrich Koenig," in German; (2) By Adolph Tronnier, "Vier neue Gutenberg-Bildnisse" (36 pp., 4 illustrations, RM.4)—"Four New Gutenberg Portraits," in German; (3) "Das werdende Weltmuseum der Druckkunst" (32 pp., RM.3)—"The Coming World-Museum of Printing," a circular in five languages, including English.

A War Office Lithographer

Links with Trade History

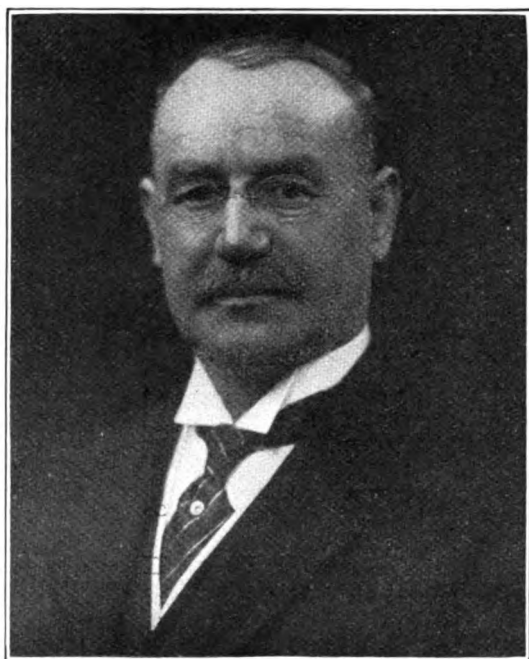
As already announced, Mr. J. Crawford, M.B.E., has retired from the War Office after a distinguished career in the lithographic printing department.

Born in London in 1865, he entered the business of Messrs. Goode Bros. of London in 1881, and remained with them for years after his apprenticeship. In those days there were three trade societies for lithographers, and he became a member of the (old) Society of Lithographers in 1886. Some years later this society merged with the (new) Society of Lithographic Machine

and other equipment were somewhat inconvenient in a house of that kind they were obliged to seek more suitable accommodation. This was found at St. Bride Institute, where the Governors fitted up a complete equipment and gave Mr. Crawford the charge of the class in 1896. At the same time a class was held for lithography, and in the next winter session (1897-98) he took the practical lithography at St. Bride, whilst Mr. C. Harrap took the theory. This association of instructors continued until the 1915-1916 session. Mr. Crawford pursued the collotype and photo-lithographic processes, in all their bearings.

Map Printing

It was in that same year (1897) that he went into the map printing section of the War Office to join Mr. Charles Adams—well remembered as an excellent printer of crayon work, and as No. 1 member of the Old Lithographic Printers' Society. Mr. Adams was associated with all the lithographers of the early Victorian time, and was no doubt in touch with Hullmandel, Engelmann, Louis Haghe, T. Balderstein, Day and Sons, Owen Jones, G. Norman, Harrands, and, of course, with Victor Adams. He was, in fact, the great connecting link between the early days of artistic lithography and its later commercial aspect when photography became its handmaid. Mr. Crawford joined him at the time when there were only three handpresses in the War Office, and stone only was in use. There were some



MR. J. CRAWFORD, M.B.E.

Printers, and finally (in 1913) they became part of the Amalgamated Society's London branch.

A Pioneer of Collotype

In 1896 Mr. Crawford went into the firm of Messrs. Griggs and Son, Peckham, at the time when they were producing prints of objects in the Indian and South Kensington Museums, by photographic methods, including collotype. As this was a new method, it was kept strictly private and remained so for some years, notwithstanding that collotype was fully dealt with in the *British Lithographer* before that time.

Mr. Crawford had himself fitted up a complete photographic studio at his home in 1893 for collotype, and was so deeply engrossed with the matter that in 1895 he brought it before the members of his society at their meetings in the "Crown and Anchor," Farringdon Street. They were further interested by a lecture from Mr. W. T. Wilkinson, and soon arranged for Mr. Crawford to take a class on collotype, in the Society's rooms. The class was well attended, but as the press

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thick zinc plates, but they were not fit for finework. In fact, this was the opportunity for him to introduce his technical knowledge, alike in pure lithography, photo-lithography and the use of zinc plates. After the retirement of Mr. C. Adams in 1902, Mr. Crawford took up the management, his post being later transformed into a staff appointment, as Superintendent of the Lithographic Printing Section.

The intricacy of the map work led him, in 1903, to make a permanent set-off powder and an improved way of laying set-offs, which has been much approved in the whole trade. And in 1906 the Lords of the Treasury granted him £50 for this process in view of the economy it had effected. Since then, other set-off powders have been put on the market, and although they are more or less effective, they appear to suffer in the laying-down, especially on zinc.

It is easy to imagine how the plant was increased, and photographic appliances added before 1914. From all-round considerations, it is not surprising now to see how the methods of map production have been improved, and to what an extent photographic methods have removed much of the tedium of the early hand-work.

War Service

In 1917 Mr. Crawford visited all the five printing sections attached to the armies in the field and gave valuable assistance in overcoming such difficulties as arose under the circumstances of war, and in those visits he was very pleased to meet many of the old students of St. Bride. The output of maps in those critical times ran into millions, and as a mark of distinction, the King was pleased to invest Mr. Crawford with the Insignia, M.B.E.

In the ordinary way Mr. Crawford might have retired a few years ago; but it was not deemed advisable, on account of his continued valuable services, to allow him to retire until his full age limit was reached in April last, at the completion of 33 years' service.

Although wrapped up in his business career, he has turned his activities in other directions. For "Penrose's Annual," 1910-11, he wrote a very exhaustive article on "Transposition and Reversing," which is still applicable at the present day. In 1883 he joined the Bloomsbury Rifles and had an introduction to gymnastics and boxing, which led him to join the old St. James's Athletic Club, of which he was a member for 28 years. In that connection he won several light-weight competitions, including the "Belsize Boxing Club 10 stone open competition" in 1890.

He is a member of the Royal Arthur Lodge of Freemasons; a Life Governor of three Masonic Benevolent Institutions, and of the Printers' Pension Corporation. Even now he is taking up the "old age game" of bowls.

It is a pleasure to look back upon a life so active and useful, during which he has imparted so much personal advice and introduced so many new and improved methods. Much of his work has not been publicly recorded—his researches on zinc and aluminium printing plates, his photographic methods, including Vandyke, his collotype practices, his set-off powder, his plate etches and many other ways of making the business less tedious, more simple, and enjoyable. Very largely his life has been spent in helping others, and no man deserves more than he to live in comfort to a ripe old age.

New British Patents

Full copies of published specifications (1s. each) can be obtained from the Patent Office, 25, Southampton-buildings, London, W.C.2

APPLICATIONS

- Akt. Ges. fur Chemische Produkte vorm. H. Scheidemandel. Manufacture of plastic masses for printing rollers, &c. 14,848.
- Beard, F. W. Mounting system for letterpress printers. 15,186.
- Bernet, U. Diem-. Photographic printing formes. 15,135.
- Bloomfield, H. W., and Brisley, J. W. Loose-leaf book. 14,636.
- Cooke, Troughton and Simms, Ltd. Engraving machines. 14,590.
- David, T. H. Printers' register chases. 14,653.
- Hart, H. (Mergenthaler Linotype Co.). Assembling mechanism of typographical composing machines. 14,926.
- Langston Monotype Corporation, Ltd., and Pierpont, F. H. Printers' type, &c. 15,201.
- Linotype and Machinery, Ltd., and Speice, F. Mechanism for inking printing surfaces of rotary intaglio printing machines. 15,066, 15,067.
- Linotype and Machinery, Ltd., and Goulding, B. J. J. Apparatus for finishing curved stereotype printing plates. 15,104.
- Littler, J. W. Printing machines, &c. 14,903.
- McKay, R. Type-composing machines. 15,062.
- Morris, T. E. Sheet feeding mechanism for labelling, &c., machines. 14,920.
- Robins, Chapman and Co., and Robins, E. T. Presses for embossing showcards, &c. 14,898.
- Smith, G. Manufacture of cardboard, &c., boxes. 14,762.
- Triggs, W. W. (Automatic Akt.-Ges. fur Automatische Druckmaschinen). High-speed cylinder printing presses. 14,599.
- Wachtel, W. Manufacture of plastic masses for printing rollers, &c. 14,848.

SPECIFICATIONS PUBLISHED, 1929

- Addressograph, Ltd. (Jobst, O.). Selection apparatus of addressing and other similar printing machines. 329,001.
- Buttner, A., and Schnellpressenfabrik Akt.-Ges. Heidelberg. Mechanical printing presses. 329,019.
- David, T. H., and Lawton, F. B. Machine for printing advertising bands. 329,002.
- Filmer, R. H. Device for strengthening cardboard and like boxes. 329,218.
- Norfolk Studio Ltd., and Perriman, G. S. Display cards, show cards, or the like. 329,080.
- Shaw, A. V., and Shaw, W. E. Paper and like sheet folding machines. 329,161.

COMPLETE SPECIFICATIONS OPEN TO PUBLIC INSPECTION BEFORE ACCEPTANCE, 1929.

- Haller, O. Paper cutting machines. 21,095, 1930.
- Addressograph Co. Printing devices. 176.
- Wichmann, G. C. H. Device for step and repeat copying or printing down of originals. 5,128.

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Printers Visit Motor Works

Printing Crafts Guild

Close on one hundred members of the Printing Crafts Guild assembled in Albert Square, Manchester, at noon on Saturday last, and shortly afterwards boarded a fleet of Leyland motor coaches owned by Mr. George Worsley, of Stockport, which conveyed the party a distance of thirty miles to the Leyland Motor Works. Arriving there, they found Mr. W. Elkington, controller of the employment department, and a number of willing guides who led the party in tens through the spacious works of this progressive firm. Printers' engineers sometimes think themselves accuracy personified when they speak of a thousandth part, but the visitors found Leyland Motors Limited went to such precision that they talked in half-thousandths.

The Guild members saw the manufacture of this firm's products from the drawing office through the numerous departments until the finished article was complete for commission into public services. Vehicles were ready for despatch to South America, South Africa, Canada and other countries. Close upon three hours were spent in going through these works, in which an average of three thousand persons are employed, but it was nevertheless necessary to cut short some of the remaining departments. Time for tea was close at hand. The perfect finish of all output appeared to leave no doubt in the mind of the visitors that "efficiency" was "efficiency" with everything that had the name of Leyland Motors Limited attached to it.

All around the works there were signs encouraging the workers to give of their best. The governing body have provided at thousands of pounds outlay recreation facilities of every conceivable kind, including football, cricket, swimming, tennis, etc.

At the Railway Hotel, Mr. and Mrs. Robert Dearden (host and hostess) had a sumptuous tea for the appetites from Cottonopolis that had been sharpened by the keen North Lancashire air.

Afterwards, Mr. John Taylor (president) asked the representatives of Leyland Motors Limited to convey to the proper quarter the hearty thanks of all the Guild members for the minute explanations that had been

given, and said that every precaution for safety and reliability was seen on every hand.

Mr. Jas. W. Worthington said the members could not allow the occasion to pass without giving special thanks to President John Taylor who had so liberally asked all present to be his guests at tea. Of course, Mrs. Taylor was included, as the helpmeet of the president. Mr. Edward McVay seconded the vote of thanks which was signified in hearty manner.

Humorous recitations, bowling, and rambling were enjoyed until the time to return to Manchester.

WEE MAC.

Country News

COLCHESTER

At the annual meeting of the Colchester and North Essex Master Printers Association, Mr. Charles T. Gale, J.P., of the *Essex County Telegraph*, Colchester, presiding, Mr. L. G. Jenkinson (Messrs. Spottiswoode, Ballantyne) was elected chairman for 1930-31, and the following were re-elected: Mr. W. F. Poyser, treasurer; Mr. Harold A. Cross, secretary; and Messrs. Bland and Fielden, auditors.

MANCHESTER

It has not yet been decided when the Manchester exhibition of fine printing, referred to some time ago, will be held, but in all probability it will be immediately after Whit Week. The exhibition is being organised by the Manchester branch of the Design and Industries Association, who have secured permission to house it in the City Art Gallery, Mosley Street.

THE Printing Crafts Guild, Manchester, has made tentative arrangements for a visit to Holland, leaving Manchester on the Wednesday in Whit Week and arriving back in Manchester on the following Sunday evening.

SWANSEA

COUNCILLOR PERCY MORRIS, at Swansea Finance Committee, urged that more of the printing of the Corporation should be done by general tenders rather than by requests for prices by individual committees.

The committee asked for a comprehensive report upon present practice and the existing schedule.

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Trade Notes

A SUIT entered by the Bank of Portugal against a London firm of printers will be heard in London on July 16th. The case concerns alleged forged documents on the strength of which the printers were induced to supply notes for the Bank of Portugal, which lost about £440,000 by their circulation.

THE death has occurred, of pneumonia, at his residence in New York City, of Mr. Frank B. Wiborg, late president of the Ault and Wiborg London Company.

MR. ROBERT R. WHITTAKER, editor of the *Yorkshire Evening Post* for the past seven years, has died after a long illness. He was 50.

MR. JOHN PH. JOURNEAUX, formerly overseer at Le Lievre Bros.' Halkett Press, Jersey—afterwards with Mr. C. P. du Parc and then Mr. W. de Guerin, successors to the late Mr. Chadwick Le Lievre—has passed away in Jersey, aged 72 years.

THE City and Guilds of London Institute has now made public the papers set in the May examinations, which included typography, lithography, photo-litho and photo-engraving.

L.C.C. CENTRAL SCHOOL.—The annual exhibition of students' work at the Central School of Arts and Crafts, Southampton Row, will be open next week and until June 25th. The hours are 10 a.m. to 8 p.m., Saturdays 10 to 12. Printing, lithography, bookbinding and other crafts embraced in book production will be amongst those exemplified.

PRINTERS' CRICKET.—Master printers will be seen in the rôle of cricketers on Saturday, June 14th, when a team representing the South-West London M.P.A. will meet a team from the South-East London M.P.A., who are the challengers. The match will take place on Sir Joseph Causton and Sons' ground, Cox's Walk, Lordship Lane, Dulwich; play to commence at 2.45 p.m. A flannel dance will follow at the Grafton Hotel, Herne Hill, S.E.

MEMBERS of the South-West London Master Printers Association are to pay a visit to the Lanston Monotype Corporation Works at Horley on Tuesday, June 17th. The journey will be made in motor coaches, though those wishing to travel by private car may do so, by arranging accordingly.

EMPIRE PRESS CONFERENCE.—The first party of delegates from Canada, Australia, and New Zealand to the fourth Empire Press Conference, to be held in London next month, arrived in Liverpool on Friday in the Canadian Pacific liner *Duchess of York*.

EMPIRE PENNY POST.—The congress of the Federation of Chambers of Commerce of the British Empire—opened by the Prince of Wales at the Guildhall on Monday—passed a resolution expressing the opinion that the time had arrived for the reintroduction of penny postage throughout the Empire.

MR. F. J. GARDINER, J.P. (80), of Wisbech St. Peter, Ely, Cambs., late editor and proprietor of the *Isle of Ely and Wisbech Advertiser*, left £56,784 (net personally, £48,242). Bequests were left to employees.

MR. HERBERT B. COURTIER (55), of Boscombe, Hants., a director of Ford, Shapland & Co., Ltd., printers, of Great Turnstile, High Holborn, London, W.C., left £32,535 (net personally, £26,537).

Advertising Convention

Printers' Session

The Printers' Session of the Advertising Convention at Hastings will take place on the afternoon of June 23rd, in the lower hall of the White Rock Pavilion. Mr. A. J. Bonwick (president-elect of the Federation of Master Printers) will preside, supported by Mr. Alfred Langley (chairman of the Publicity and Selling Committee).

The speakers are Lady Dunedin, on "A Woman's View of Direct Mail Advertising"; Mr. Harold Bellman, general manager of the Abbey Road Building Society, on "The Use of Printing in Advertising"; and Mr. R. B. Fishenden, M.Sc. Tech. (London manager of Stephenson Blake and Co., Ltd.), on "Recent Developments in Printing of Special Interest to Advertisers," whose address will be illustrated by a number of specimens.

Provisional reservation for members of the Federation of Master Printers who intend being present at the Convention has been made at the Eversfield Hotel, St. Leonards. This reservation will remain open until June 10th, but applications should be made immediately direct to the Hotel.

Young Master Printers Home Counties Gathering

The committee of the newly-formed Young Master Printers' Group of the Home Counties M.P. Alliance held a meeting on Saturday at Tonbridge. Mr. Rolf Unwin, of Woking, chairman of the Group, presided, and a programme of future activities was discussed.

After lunch, a further meeting took place at the works of Jas. Truscott and Sons, Ltd., to which all Y.M.P.s in the area were invited. The secretary of the Alliance, who is also secretary of the Group—Mr. P. D. Michael—gave an address on "The Structure of the Organisation of the Federation."

The party was then conducted through Messrs. Truscott's works by Mr. Ford, works manager, and the members were afterwards entertained to tea in the canteen, a welcome being given by Lt.-Col. R. F. Truscott, the new president of the H.C.M.P.A.

Stationers' Annual Convention

Stationers to the number of 250 from all parts of the United Kingdom will gather at Torquay this week-end for the 25th annual convention of the Stationers' Association.

On May 31st, the opening day, the Mayor is giving a reception and dance. Monday morning and afternoon will be devoted to business sessions. After a brief business session on Tuesday the delegates will take a trip by charabanc to Plymouth, the Mayor (Ald. J. Churchward) receiving them in Guildhall Square. Other outings and social functions are also arranged. The business programme concludes on June 4th, and the banquet at the Palace Hotel, Torquay, has been fixed for the evening.

Mr. T. Owen Jacobsen is president of the convention, and Mr. Leonard Harris, George Street, Plymouth, convention secretary.

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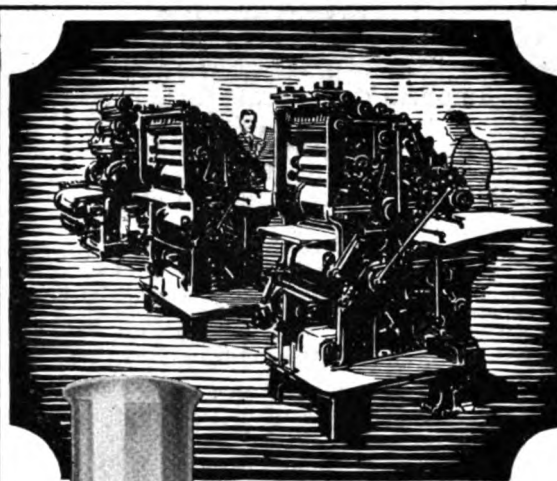
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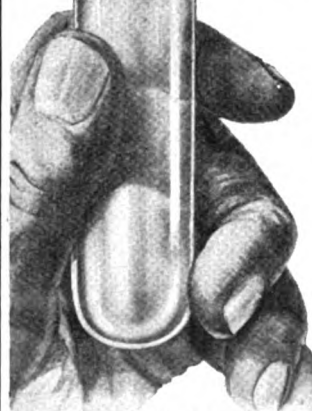
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Newspaper Printers' De-Rating

Important Appeal Succeeds

The important question whether newspaper premises should get the benefit of relief of threequarters of rates under the De-Rating Act was settled before a King's Bench Divisional Court on Friday.

The matter came before the Court on three appeals by the Crown from decisions in the cases of the *Western Mail* and the *South Wales Echo*, Cardiff, and the *Daily Mirror*, London.

Printing, an Industrial Process

Mr. Justice Avory, giving judgment, said that he could not bring himself to doubt that the composing, printing, and publishing of a newspaper such as the *Western Mail* came within the meaning of the De-rating Act as the making of an article, or adapting for sale of an article, and that it was done for the purpose of gain was equally incontrovertible. He had, therefore, come to the conclusion that the *Western Mail* premises were an industrial hereditament which properly should be put in the special list. The Recorder of Cardiff was right in so holding. The same considerations applied in the cases of the *South Wales Echo* and the *Daily Mirror*.

In both these cases there should be apportionment of those portions of the premises which were occupied and used for industrial purposes as distinct from those used for other purposes. Both these cases must go back to the Recorder to determine which portions of the premises should be excluded as not being used for industrial purposes.

The appeals of the Revenue officers would be dismissed on the main point and allowed on the question of apportionment.

Justices Talbot and Finlay concurred.

PARTNERSHIP has been dissolved between E. H. Kendrick and H. J. Blake, printers and bookbinders, 94, Vyse-street, Birmingham, under the style of "Vyse Street Press."

THE April number of "Nickeloid News," the house organ of the Nickeloid Electrotpe Co., Ltd., Printer Street, E.C.4, is notable for some fine examples of photogravure and fine-screen half-tones. Attention is drawn to the fact that Messrs. Nickeloid have opened a photographic studio and branch foundry for electrotyping.

Trade Union Matters

"BALANCING TIME."—The executive council of the Typographical Association have had under consideration a communication from the Bath branch on the question of "balancing time," and suggesting that the Federation of Master Printers had issued instructions not to recognise the Association claims on this matter. They also intimated that as there was the same difficulty in other towns, a national settlement was desirable. It was decided to notify the branch that the executive council had met the employers on the subject, but had failed to come to an agreement.

SUNDAY WORK.—For some time there has been a pronounced difference of opinion in Leeds between the master printers and the local officials of the Typographical Association on the question of the rate for Sunday labour, and recently the Leeds branch of the Association instructed its members not to accept any Sunday work unless an assurance was given by the employer in advance that payment for special call would be made. The masters contested the claim and, on the initiative of Mr. R. D. Chorley, the subject has been brought before the Leeds District Committee of the Joint Industrial Council. After a long debate by the members of that body, the following resolution was adopted: "That, as both sides have now taken aggressive action, the question should be referred to the National Joint Industrial Council Conciliation Committee, with a view to arriving at a definite settlement." The following addendum was also proposed and passed: "That in the meantime any firm requiring its members to work on Sundays should pay call money in accordance with the claim of the Typographical Association."

T.A. GROUP CONFERENCE.—On Saturday the annual conference of the North-Western Group of the Typographical Association was held at Kendal. There was a civic welcome by the Mayor of Kendal (Councillor N. F. Wilson, J.P.). The delegates numbered 70 and were gathered from Lancashire, Cheshire, Westmorland and Cumberland. The executive council of the T.A. was represented by Mr. A. Bottomley (assist. sec.) and Mr. H. Riding (organiser). After the opening ceremony the Group president, Mr. G. H. Walker, gave a stirring address. The financial statement showed a substantial balance. The conference was a long one and dealt with several matters of grave importance to the T.A., the chief item being the suggested change in the superannuation payments or benefits.

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Dividends and Reports

AMALGAMATED PRESS, LTD.—Profit for the year, including interest and dividends, and after charging depreciation, directors' remuneration, etc., amounted to £923,744, compared with £873,717 for the previous year. £123,901 was brought forward; disposable balance is therefore £1,047,645, against £988,095 for £1928-29. Deducting interest on debenture stock, £187,985; preference dividends paid June and December, 1929, £315,000; and interim dividend of 7 per cent. on ordinary shares, paid November 25th, 1929, £84,000, leaves a balance of £460,660. Directors recommend placing to general reserve (making £400,000), £220,000; to pensions and allowances fund (making £230,000), £10,000; to final dividend on ordinary shares of 8 per cent. (making for the year 15 per cent.), £96,000; leaving to be carried forward £134,660. Last year £180,000 was placed to reserve, dividend on the ordinary shares was at 15 per cent., and £123,901 was carried forward.

COUNTRY LIFE, LTD.—Report for the 15 months ended March 31st states that net profit amounts to £30,572. Final dividend is recommended of 6¼ per cent. on ordinary shares, which, with interim dividends already paid, is at rate of 15 per cent. This will leave balance of £24,335, out of which directors recommend that £5,000 be set aside as a business development fund, leaving balance of £19,335 to be carried forward.

LANSTON MONOTYPE CORPORATION.—Interim dividend 3½ per share for the six months ended March 31st last (same as last year).

"FINANCIAL TIMES."—The disastrous financial conditions which prevailed in the latter months of last year

adversely affected the profits of the *Financial Times*, Ltd., but the total distribution on the ordinary shares for the year is to be raised from 7½ per cent. to 10 per cent.

BUFF BOOK.—Report of Buff Book (directory publishers) for year ended March 31st states that net profit was £13,642 (against £11,836), sum of £400 written off leasehold premises account, to reserve £3,500. Dividends of 7½ per cent. on ordinary, making 12½ per cent., and 5 per cent. on deferred, making 10 per cent., less tax (same), forward £2,106 (against £1,789).

New Companies

HORTICULTURAL ADVERTISER (1930), LTD.—Capital £24,000 in £1 shares (8,000 7 per cent. cumulative preference and 16,000 ordinary); to acquire the business of newspaper proprietors, carried on by the Horticultural Advertiser, Ltd., at Lowdham, Notts, together with the copyright and goodwill of the *Horticultural Advertiser*, etc., and to adopt an agreement with the said company for the acquisition of certain of the assets. Private company. Directors: H. R. Fletcher, W. R. Oldham, G. Monro, J. Forman, W. A. Potter and H. E. Barrow. Solicitors: Perry, Parr and Ford, Nottingham.

KLEBOE AND FRANKLIN.—Capital £2,500, in £1 shares; artists, designers, photographers, photo process engravers, engravers on metal and wood, book and print sellers, advertisers. Private company. Directors: C. E. Kleboe, G. C. Kleboe and F. Brooker. Solicitors: Brash Wheeler, Chambers, Davies and Co., 16, Paternoster-row, E.C.4.

HERALD PRINTERS (WORCESTER), LTD.—Capital £2,000, in £1 shares; printers, publishers, bookbinders, account book manufacturers, engravers, lithographers, etc. Private company. Directors: A. C. Webster, J. W. Mills, T. Mills and G. Mills. Registered office: Exchange-street, Worcester.

J. W. WHITE AND CO., LTD.—Capital £1,000, in £1 shares; to acquire the business of a printer and stationer now carried on by J. W. White as "J. W. White and Co.", at 168, Caledonian-road, N., art, cheque, colour, copperplate, etching, lithographic and other printers, etc. Private company. Directors: J. W. White and K. A. Hellon. Registered office: 168, Caledonian-road, Kings Cross, N.1.

R. WAKEHURST AND CO., LTD.—Capital £1,000, in £1 shares; printers and publishers; to adopt an agreement with R. W. Perring, trading as "R. Wakehurst and Co." Private company. Directors: R. W. Perring and Jose Casanova. Registered office: 32, White Hart-lane, Tottenham, N.17.

Mortgages and Charges

SMYTH-HORNE, LTD. (bookbinding, printing and general engineers, etc., 1-3, Baldwins-place, E.C.1).—Satisfaction to the further extent of £2,000 on May 1st, 1930, of debentures authorised by resolutions of November 17th, 1919, and registered November 20th, 1919. (According to the register of mortgages, the debentures registered November 20th, 1919, originally secured £23,000.)

LAWRENCE BROS. (WESTON-SUPER-MARE), LTD. (printers, etc., 28, High-street, Weston-super-Mare).—Satisfaction in full on August 17th, 1921, of charge dated November 15th,

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LACO-MASCHINEN-FABRIK Paul Tschentscher, Leipzig, W 33 (Germany) supply Bronzing machines with sevenfold dusting.

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GARWOOD & MUDDIMAN LTD., 40, South Lambeth Road, Vauxhall, London, S.W. 8, Telephone Reliance 2922, Sole Manufacturers of FIBRETTE the Best Quality Leather Paper; and CLOTHETTE a Durable Imitation Book Cloth.

OFFSET MACHINES

CRABTREE, R. W. & SONS, LTD., Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C. 1. Makers of Offset Machines, Single Colour—Demy Folio to Extra Eight Crown. Two-Colour and Perfecting Double Demy to Extra Eight Crown. Transfer Presses and Graining Machines.

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"ELLES" PILE AUTO-MATIC FEEDER. Sole selling Agents for Great Britain and Colonies, R. W. Crabtree & Sons, Ltd., Water Lane, Leeds.

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LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. Phone: Central 3839. "LIGHTS-EVERWEAR" Press Rubbers. Oil and Ink-Proof and Reversible.

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WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C. 2. Printers in Russian, Polish, Czechoslovakian, German (Gothic) and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

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LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting.

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CRABTREE, R. W. & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. KOTOPLATE (Reg Trade Mark) and ROTASHAVER Casting and Finishing Machines.

LIGHT & Co., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. Sole Agents for the "WINKLER" Automatic Moulding Press, Automatic Plate Casting Machine, etc.

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CRABTREE, R. W. & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C. 1. Makers of "Rapid" Tinplate Decorating Machines with Semi-Automatic Pile Feeder, Tin Varnishing, Coating and Lacquering Machines.

1920, and registered November 30th, 1920, securing all moneys due to the Bank. (Notice filed May 14th, 1930.)

LAWRENCE BROS. (WESTON-SUPER-MARE), LTD.—Issue on January 6th of £50, on April 23rd of £4,000 and on May 6th, 1930, of £150 debentures, parts of a series already registered. (These particulars are filed by way of amendment of those given at the time of registration of the series on January 11th, 1930, which stated that the whole of the series of £5,000 had been issued.)

EDWARDS AND SONS (OF REGENT-STREET), LTD. (stationers, printers, etc.).—Satisfaction in full on May 5th, 1930, of 2nd mortgage dated April 14th, 1930, and registered May 2nd, 1930, securing £1,500.

STANDIDGE AND CO., LTD. (printers, etc., 18, Farringdon-street, E.C.4).—Satisfaction to the extent of £700 (being in full) on May 1st, 1930, of first mortgage debentures, authorised October 19th, 1894, and registered October 23rd, 1908. (According to the register of mortgages, the debentures registered October 23rd, 1908, originally secured £1,000.)

P.W.H., LTD. (typesetters, engravers, etc., 106-107, Shoe-lane, E.C.4).—Particulars filed of £4,000 debentures authorised April 2nd, 1930, charged on the company's undertaking and property, present and future, including uncalled capital, the amount of the present issue being £2,000.

WESTERN MAIL, LTD.—Charge as substituted security on freehold hereditaments at 102 and 103, St. Mary-street, Golate-street or lane, with land in rear, Golate-street and Westgate-street, with fixtures, etc., leasehold hereditaments at 97 and 104-5, St. Mary-street, and 1-11, Havelock-street, all in Cardiff, and certain copyrights relating to the *Cardiff Times*, *South Wales Daily News*, *South Wales Echo* and *South Wales Football Echo*, dated May 2nd, 1930 (supplemental to trust deed dated August 17th, 1928, securing £525,000 and premium of 2 per cent). Trustees: Rt. Hon. Lord Camrose, Barrow Hills, Long Cross, Surrey, and Sir James G. Berry, Bt., Farnham Chase, Farnham Royal, Bucks.

BRISTOL TIMES AND MIRROR, LTD. (St. Stephen-street, Bristol).—Mortgage on 6, 7 and 8, Tontine Warehouses, Colston-avenue, Bristol, dated May 15th, 1930, to secure £4,000. Holder: Mrs. F. I. Johnson, Bishopstrow, Wilts.

JAMES POOL AND SONS, LTD. (manufacturing stationers, etc., 11, Ludgate-hill, E.C.4).—Satisfaction in full on November 8th, 1916, of mortgage on 79, Upper Thames-street, dated December 18th, 1912, and 1 and 2, Joiners Buildings, Upper Thames-street, E.C.4, and dated December 18th, 1912, and registered December 20th, 1912. Notice filed May 17th, 1930. (According to the "Register of Mortgages," the mortgage and land registration charge, both dated December 18th, 1912, the only charges registered December 20th, 1912, originally secured all moneys due or to become due from the company to the London and South Western Bank, Ltd.).

ARTHUR FOOTE, LTD. (stationers, printers, etc., 24, Brown-street, Manchester).—Satisfaction to the extent of £750 on March 31st, 1930, of debentures authorised January 22nd, 1919, and registered February 6th, 1919, securing £1,750.

Receivers Appointed or Released

FELLOWES PRESS, LTD. (printers, etc., Vicarage-lane, Kings Langley).—O. J. West, of 87, High-street, Watford, was appointed receiver on May 9th, 1930, under powers contained in debentures dated June 8th, 1928.

PREPAID ADVERTISEMENTS

The Minimum Charges for Three Lines, with an average of eight words to the line, for Advertisements under the headings given below are as follows (extra lines at proportionate rates):—

		Three Lines	
		s.	d.
Situations Wanted	1	6
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Agencies	3	0
Machinery for Sale and Wanted	3	0
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The following are the rates for Advertisements classified as under:—

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		s.	d.
Sales by Auction	2	0
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Replies may be addressed to Box Numbers. Offices of this journal for which a fee of 6d. is charged to cover postage of replies.

Annual Subscription (post free) 17s. 6d.

Cheques and Post Office Orders to be crossed and made payable to STONHILL & GILLIS, Ltd., 58, Shoe Lane, London, E.C.4

Telegrams: STONHILL, LUD, LONDON Telephone: 2439 HOLBORN

SITUATIONS WANTED

MACHINE MINDER, served apprenticeship, needs further experience; would serve as improver; wages 60s.; London vicinity.—Write N., 161, Treatham-street, Southfields, S.W.18. 15463

THE Printers' Provident Association, 21, Charterhouse-street, Holborn-circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades, at short notice. No charge. 'Phone, Holborn 0527. 14602

AGENCIES

CONTINENTAL FIRM WANTS AGENT.—Well-known firm, publisher and fine art and wholesale stationer, wants to be represented in London by a clever and honest Traveller, who is well known with stationers and print sellers; absolutely first class references are offered and demand'd.—Box 15460

TENDERS

H.M. STATIONERY OFFICE

TENDERS to be delivered before noon on Friday, 13th June, 1930, are invited from firms with London works for printing miscellaneous Index Cards for the Public Service - Group 619.

For particulars apply to the Controller, H.M. Stationery Office, Westminster, S.W.1.

MACHINERY FOR SALE

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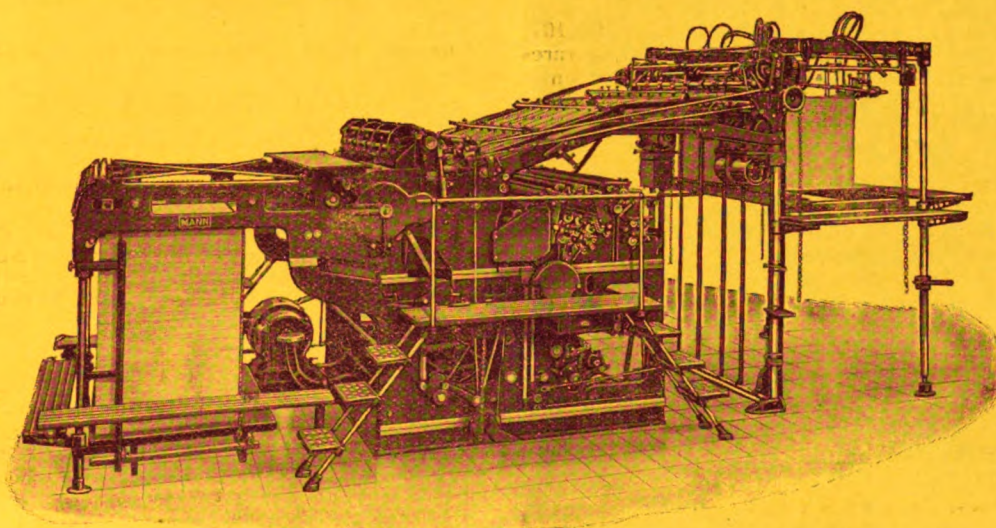
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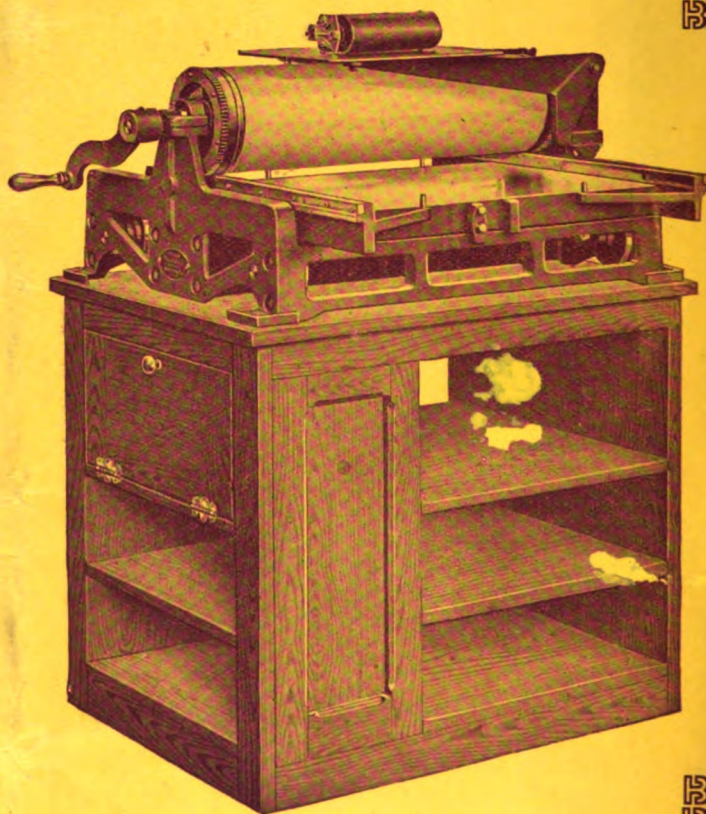
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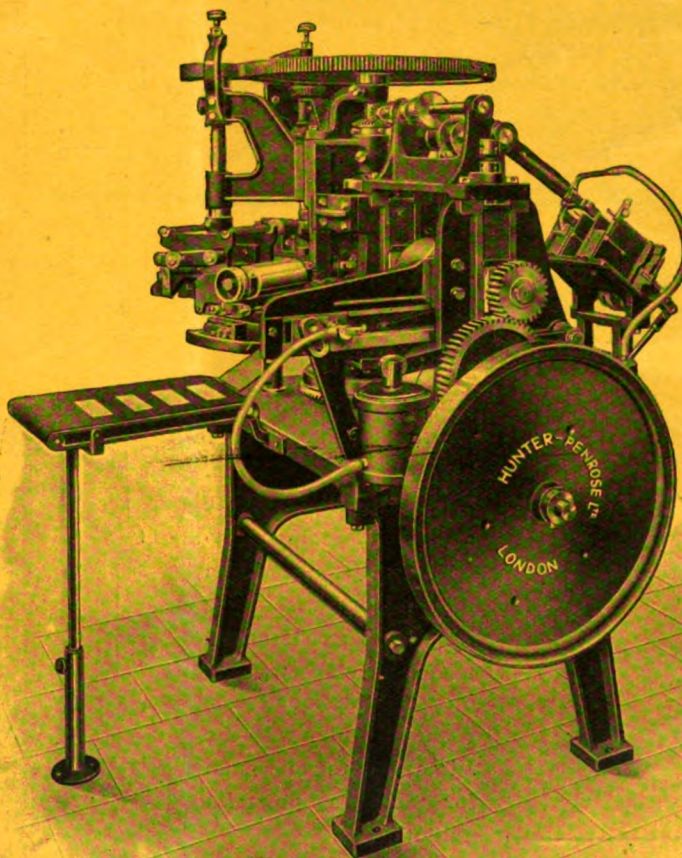
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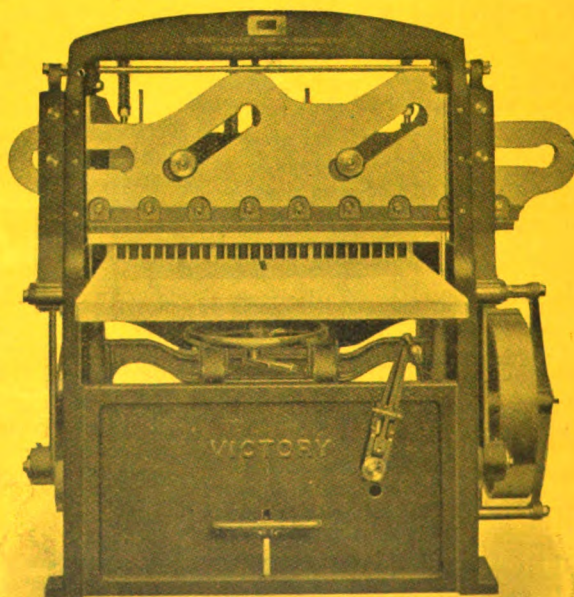
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VOLUME 106
NEW SERIES No. 84

LONDON: JUNE 5, 1930

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PRICE THREEPENCE

The World of Print To-day

No improvement is noticeable in trade, and what should be one of the best months of the year for many printers has left a record of depression. This condition of things appears to be very general, though there are centres like Sheffield, Bradford, Manchester, and the Lancashire towns where trade is worse than the average. Paper merchants' representatives are usually able to sum up the state of business, because they cover a wide territory and come into touch with every sort of printing office. Conversations with those gentlemen would lead to the conclusion that there is little to choose between one city and another, or between the North and the South. We can scarcely believe that there is anything like so much trade in the Northern counties as there is round about London (relatively, of course), because the percentage of unemployment is at its top limit in Lancashire, Yorkshire, Durham, and Northumberland. In those counties there are many printers on short time, and just latterly this number has been added to. London printers are fortunate in escaping short time to a very large extent, and it is to be hoped they will not be required to face such circumstances as have dictated the situation elsewhere.

LITHO APPRENTICES

We notice that the subject of ratio of apprentices in the lithographic section of the industry is on the carpet once more. As far back as 1925 there was an effort to come to agreement with the lithographic union on this question, but without success.

Evidently there are many lithographic printers who are dissatisfied with the situation, and who still regard it as a necessity for the future that more apprentices should be trained up. A close investigation of the situation would probably reveal that a large number of lithographic apprentices are being trained in establishments whose methods are not calculated to guarantee any future for the trainee. That is to say, they are being brought up on flat-bed lithography of a kind which has been or shortly will be entirely superseded.

NEEDED RECRUITS

OUR own view of the lithographic problem is that what is needed is a greater supply of skilled offset and direct rotary machine-minders and fewer flat-bed men.

It is folly to allow too many boys to spend their term of apprenticeship learning flat-bed machinery and transferring to stone. We urged some years ago that progressive and larger offset and direct rotary establishments should be allowed and encouraged to take a special quota of apprentices under agreed conditions. Had the suggestion been adopted and followed, there would by now have been a positive turning of the scales in favour of the offset and rotary trained apprentice. There is no use, unfortunately, for suggestions which do not fit in with custom and past routine. Sometimes it is vastly to be desired that the unorthodox way of handling a situation should be chosen.

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DEPRECIATION OF MACHINERY

DEPRECIATION is in debate again, and as before it is the wisdom of the 10 per cent. on diminishing value that is in question. It will be difficult to persuade the majority of users of the Costing System that the present method can be bettered. There are exceptional cases where 10 per cent. on diminishing value may create anomalies, but for the great majority of printers whose additions in plant are steady, and neither extensive nor very frequent, there appears nothing wrong with present practice. The costing levels seem to keep very regular, and hourly rates remain undisturbed. In practice, of course, there are not a great many printers who trouble to work out their individual machine costs to a nicety. Mostly they average their rates, and if by chance accurate cost finding did attribute an apparently high hourly cost to some new machine whose production did not seem to warrant it, there would be a speedy levelling to keep to relativity.

* * *

DISTRICT HOURLY RATES

The best help to all printers, whether they work out their own costs in final detail or not, is undoubtedly the schedule of District Hourly Rates which has been issued on occasion from headquarters. A fresh edition of these rates is about due, and is, we believe, in process. At any rate we hope so, for even with the Costing System there is still a great incentive for over-anxious printers to assume economy of cost of production peculiar to themselves. The official hourly rates did tend to create and maintain a near approach to uniformity, while supplying a fair basis for costing to those printers who have not yet got so far as to evolve statistics of their own.

South-West London Printers

Conspicuous success has been scored by the South-West London Master Printers' Association with the series of talks on "The Trend of Events" which have been delivered at the monthly meetings during the past season. The series was wound up at the final meeting of the session on Tuesday last week, when members were invited to give their opinions of the various addresses.

It will be recalled that the "Trend of Events" lectures have covered most phases of the modern printing industry. The first address was given by Mr. Arthur Taylor, of H. W. Caslon and Co., Ltd., on "The Future of Hand Composition"; the second lecture, dealing with composing machinery was given by Mr. G. Leopold Reveirs, and Mr. John Acton dealt with the trend of events in the machine room.

In the next lecture, Mr. J. D. Wise spoke on equipment, and lastly the subject of accountancy was tackled by Mr. H. V. Wiles.

Those who took part in this concluding discussion on the papers included Messrs. F. A. Chivers (hon. sec.), F. E. Tacey, G. Rangecroft (vice-president), Wm. Whyte (L.M.P.A. secretary), T. D. Hawkins (hon. sec. E. and N.E. Association), A. Spring, R. B. Simnett and C. H. Robottom.

The general opinion of the speakers was that much of value had been learned from the series from a technical standpoint, while the very fact of master printers getting together to discuss these matters was a welcome sign of the times.

A vote of thanks to the speakers was proposed by Mr. Luckins seconded by Mr. Robottom and heartily accorded.

Personalia

Sir William Waterlow, accompanied by Lady Waterlow, at the conclusion of their very successful official visit to the Continent, flew back to London so as to be in time to be with the Master Printers in Edinburgh on Saturday evening.

Sir William Waterlow (as Lord Mayor of London) entertained to dinner at the Guildhall on Monday the delegates from all parts of the Empire attending the fourth Imperial Press Conference.

Major J. J. Astor, president of the conference, stressed the importance of the Press to the British Empire, as did other speakers, who included the Hon. Theodore Fink, chairman of the Australian delegation and Lieut.-Colonel J. H. Woods, chairman of the Canadian delegation.

Lt.-Col. Roy F. Truscott was among the members of the board present on Friday at the Cannon Street Hotel, when the 152nd election of candidates for the Royal Hospital and Home for Incurables, Putney, was held.

Mr. J. R. Riddell, principal of the London School of Printing, gave an instructive "Chat about American Printers and their Work," to the Printers' Managers and Overseers (Parent) Association on Tuesday evening, at the Old Bell, Holborn.

Mr. George W. Jones, recently honoured by the London Master Printers' Association as their guest at their annual dinner, entered upon his apprenticeship in Worcester—with Mr. Ebenezer Baylis in 1874. An old compositor, W. B. Williams, is the only member of the present staff who recalls Mr. Jones's early days there.

Sir Charles Grant Robertson, Vice-Chancellor of Birmingham University, has accepted the office of president of the National Book Council.

Sir Robert Donald, who is a former editor of the "Daily Chronicle," says he is inclined to think that with editions in Manchester and Glasgow the "Daily Herald" will be the first daily to reach the two million mark.

Mr. John Acton, who is well known as a teacher and speaker on printing technology, has decided to start business on his own account as a printing machinery consultant in London.

Mr. James A. Nicol, after forty-five years' service with the Aberdeen "Press and Journal," was on Friday presented with a handsome bureau to mark the esteem of his colleagues. Mr. Wm. Veitch presided at the ceremony, and Mr. J. A. C. Coutts made the presentation.

Death of Mr. D. G. Smith

The composing chapel of Messrs. Stonhill and Gillis, Ltd., has lost a greatly respected member in Mr. D. G. Smith, who died on Friday last, aged 56 years. Mr. Smith had been on the composing staff of this journal for twenty-six years, and for ten years was the father of the chapel, an office he filled with much satisfaction to both employers and employed. Of his many good qualities those of devotion to his duties, generosity, and a perpetual fund of good humour stood out pre-eminently. His departure will be greatly missed, by none more so than by his colleagues.

The *Evening Express*, Cardiff, made its last appearance as a separate newspaper on Friday night, the proprietors stating that, owing to the high cost of production entailed by existing and projected competition, they have decided to consolidate their position by amalgamation with their other evening newspaper, the *South Wales Echo*, under the title of *Echo and Express*.



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Nation's Printers at Edinburgh

The F. M. P. Annual Gatherings, Brilliant Reception and Social Scenes

Edinburgh, city of beauty and of romance, has been a city of master printers during the past week. From



LORD PROVOST OF EDINBURGH
RT. HON. THOS. B. WHITSON

all over the British Isles and even from places as far away as Leipzig and Berne printers had come to attend the annual meetings of the Federation of Master Printers and Allied Trades of Great Britain and Ireland.

The invasion of Edinburgh—noticeable during Saturday, May 31st, at a 11 Edinburgh's main stations and on all its roads—was even more manifest at the Assembly Rooms, George Street, on the same evening, when the Reception took place by the Lord Provost of Edinburgh and his lady (The Rt. Hon.

Thomas B. Whitson and Lady Whitson). Spacious as the Assembly Rooms are, they were filled to overflowing by the thousand or more guests who had come for their annual gatherings to a city itself highly famed for its printing.

The Lord Provost, Lady Whitson, and their picturesquely attired retinue of bailies and councillors made an impressive scene, and notable among the visitors were Sir William Waterlow, K.B.E. (Lord Mayor of London) and Lady Waterlow, the latter a native of Edinburgh.

LORD PROVOST'S WELCOME

In his address of welcome, the Lord Provost emphasised the privilege which Edinburgh enjoyed in entertaining the Master Printers. He mentioned the fact that the City had twice before been the venue of the Federation gatherings—in 1912, when Dr. Blaikie was president, and in 1922 when Mr. James Maclehoose, LL.D., occupied the presidential chair. The Lord Provost also recalled that he had the privilege of making Lady Waterlow's acquaintance in Edinburgh many years ago.

Following the reception, dancing took place until a late hour.

On Sunday afternoon, a special church service was held in St. Giles' Cathedral, with a sermon by the Very Rev. Charles L. Warr, Dean of the Order of the Thistle, and of the Chapel Royal in Scotland. In this discourse, special reference was made to Walter Chepman, a famous old-time Scottish printer.

Y.M.P.s' DINNER

A notable event on Sunday evening was the informal dinner of the Young Master Printers, which took place at the Imperial Hotel. Mr. Eric Annandale (Perth) presided, with Mr. Sidney C. Freeman as "father." The distinguished guests included Mr. William Maxwell (retiring president of the F.M.P.) and Mrs.



SIR WILLIAM WATERLOW



VERY REV CHAS. L. WARR

Maxwell, Mr. A. J. Bonwick (president-elect) and Mrs. Bonwick, Mr. W. H. Sessions (York), Mr. John Wylie (Glasgow), Mr. Theodore Watt (president of the Scottish Alliance), Miss May Kneafsey (Dublin), Mr. A. E. Goodwin (Director of the Federation), Mr. F. H. Bisset (Federation secretary), Mr. J. Maurice Toulmin, Mr. Edmund Arnold and Mr. Blair Maxwell.

"The Y.M.P. Movement," was proposed by Mr. William Sessions, who coupled with the toast the



MR. ERIC ANNANDALE



MR. SIDNEY C. FREEMAN

names of Mr. Blair Maxwell who had done much valuable work for the Y.M.P. movement in Scotland, and Miss May Kneafsey who was such an expert in costing that he understood she knew more about costing than any man in Ireland.

Referring to the growth of the Y.M.P. movement, Mr. Sessions said it had started in the Home Counties Alliance, was followed up by the Yorkshire Alliance, and was carried further by London. The young men, he continued, should work in co-operation with the older master printers. What was wanted was the

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experience of age, plus the zeal and driving power of youth.

Mr. Blair Maxwell, replying to the toast, said the young master printers were heirs to an industry in which co-operation between employees and fellow employers had largely succeeded conflict. This, however, should only make their sense of responsibility greater.

Miss M. Kneafsey also replied.

The work of the Federation was referred to appreciatively by Mr. Edmund Arnold (Leeds), in proposing the toast of the Federation of Master Printers.

Mr. William Maxwell, in reply, said the Federation looked to the young master printers to exalt and enhance it in the future.

In proposing the toast of "Our Guests," Mr.

Alastair M. Stewart emphasised the gratitude which the Y.M.P.'s felt to Mr. Maxwell, who as president of the Federation had put them on their feet. He also referred in complimentary terms to Mr. John Wylie.

In reply, Mr. A. J. Bonwick announced amidst applause, that Mr. William Maxwell had promised to aid him (Mr. Bonwick) as president, and the new vice-president, in their deliberations during the coming year. Mr. Bonwick concluded by referring in cordial terms to the work of the Federation officials.

The toast of "The Chairman," proposed by Mr. J. Maurice Toulmin, was accorded with musical honours, and the proceedings concluded when Mr. Eric Annandale had briefly replied.

Printers and Their Costs

Production Records, Estimating, Bindery Costing, The Future

The week-end at Edinburgh had seen the social aspect of the Federation of Master Printers; but the

A very solemn and impressive scene followed, when Mr. William Maxwell paid an eloquent and extremely moving tribute to the memory of the late Lt.-Col. Dudley P. Forman, the late vice-president-elect of the Federation, whose tragic death took place recently.



MR. A. J. BONWICK
New President of the Federation

Cost Congress on Monday morning revealed master printers in a totally different light. The main hall of the Assembly Rooms, George Street, contained some four hundred earnest men who had come together to give freely of their knowledge and experience, with the object of pooling that knowledge in the interests of efficiency and still better organisation in the printing industry.

Once again the Federation was honoured by the presence of the Lord Provost of Edinburgh, who, following an introduction by Mr. William Maxwell, officially opened the proceedings.

Mr. A. J. Bonwick (F.M.P. president-elect) then, on behalf of the Federation, expressed the gratitude and thanks which master printers felt at the presence of the Lord Provost.



MR. WILLIAM MAXWELL
Retiring President, F.M.P.



MR. A. E. GOODWIN
Director of the F.M.P.

Col. Forman was to have read a paper on Depreciation at the Cost Congress. (This paper is reported in full on subsequent pages of this issue.) In eloquent phrases Mr. Maxwell spoke of Col. Forman's brilliance, his clear and accurate judgment, at all times delivered fearlessly, and of the wonderful organisation which he had built up at Nottingham. He spoke impressively of Col. Forman's work for the industry, the Federation, and in the civic life of Nottingham.

MR. MAXWELL'S ADDRESS

Then the Congress turned its attention to the morning's programme, which commenced with an opening address by Mr. William Maxwell. Referring to early developments in Edinburgh with regard to costing, he said it could be claimed that in this city was the idea of a Costing System for the printing industry conceived. At that time there was a general tendency for the cost of printing to increase, and charges were not being made in accordance with the increase.

At the present time, he continued, with improved machinery and equipment, and more efficient processes, the tendency to increased cost was checked, but there was, in his opinion, a tendency on the part of many printers to reckon that changes in methods or

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machines, and the relief given by de-rating had meant such a reduction in cost as to enable them to indulge in a wild orgy of price-cutting—to their own serious damage and the detriment of the whole trade.

"It is of great importance," he said, "in face of this tendency, that there should be a constant endeavour to keep our members alive to a sense of the paramount importance of an efficient costing system."

MR. W. L. BEMROSE REVIEWS YEAR

Mr. William L. Bemrose, chairman of the Costing Committee, then gave an address on "Costing To-day and To-morrow," in the course of which he gave an interesting résumé of current costing practice, with

duction. This was beyond argument as the overhead expenses would be distributed over a larger number of production units. Bigger turnover, through increased capacity of plant, without increasing the plant installation or number of employees. More accurate, quicker, and easier estimating through the use of actual production records. Increased profits through more efficient management, higher production standards, and lower unit costs, with less disparity between estimate and cost sheet.

Miss Kneafsey (Dublin) said that the attitude of mind which thought that costing systems were required only for those who hadn't gone through the business from the bottom up has reacted on the whole industry.



MR. W. ST. CLAIR WILSON



MR. J. MACLEHOSÉ



MR. THEODORE WATT



MR. R. T. WISHART

suggestions for the future. He emphasised the need for adjusting figures to current experiences, and mentioned that one of the recent developments had been an increase in the number of firms who had made arrangements for an official annual revision of their costing figures. He went on to emphasise the advantage derived from simple graphs, which often gave a new significance to facts which figures had failed to illumine.

Another useful procedure was an analysis and tabulation of work charged to customers, which meant that costs were "keyed in" with the departmental costing data, and a check could be made as to the correctness or otherwise of the transfers to cost sheets of both labour and material. Again, it was possible to direct the energies of the sales organisation into useful and profitable channels by carefully studying the weekly Value of Production statement in conjunction with a statement of the value of work in hand and on order. The speaker also asserted that the whole question of pre-make-ready demanded very serious consideration, and he stressed the advantage of standardisation when applied to things in everyday use. He intimated that some changes had been made in the methods of applying the principles of the Federation Costing System, and a revised edition would be produced later this year.

PRODUCTION RECORDS

Mr. J. A. Stembbridge followed with a practical address on "Production Records and Better Estimating." He observed that it seemed strange that production records were only now being seriously considered after so many years of costing, and he proceeded to detail the following advantages:—

Increased efficiency in plant management and purchase, because of a knowledge of what could be produced under normal circumstances. Increased production through the efforts of employees to improve on records. Elimination of inefficient machinery, and ensuring help and advice to incompetent or inefficient employees. Decreased unit cost through higher pro-

duction. This was undoubtedly the chief cause of the wild estimating which is so discreditable a feature of the printing trade to-day. Costing is a means to an end—not the end in itself—and the system should be utilised not for the mere purpose of compiling records, but for the comparison and analysis of one job against another. How many printers go further, and enthuse staffs and foremen to make the cost records a kind of Totalisator, so that keen interest is taken in watching the progress of a job? One of the reasons why the Costing System is not universally adopted to-day in the trade is because womanly influence has not made itself felt in any widespread way in printing management.

BOOKBINDERS' COSTING

England and Ireland having taken a hand in the conference, Scotland then came to the front in the person of Mr. William St. Clair Wilson, of Glasgow, who dealt with "Costing in the Bindery." He suggested that perhaps there might be employers in the bookbinding section of the industry who found it difficult to apply the Federation system in their particular business, and he proceeded to describe the varying conditions prevailing in the binderies of the country.

The discussion which followed was assisted by one of the smaller London trade binders, and by the proprietor of a small bindery in Lancashire the latter observing that the outstanding impression received from the Costing System was that they made money far easier than when they had no system whatever.

DEPARTMENTAL EXPENSES

Mr. A. Williamson (secretary of the Federation Costing Committee) also made an important contribution to the session when he dealt with "Direct Allocation of Departmental Expenses to Machines," indicating well-defined bases upon which such allocation should rest.

Mr. E. C. Austen-Leigh brought a very interesting session to a close by proposing a vote of thanks to the speakers, which was very heartily accorded.

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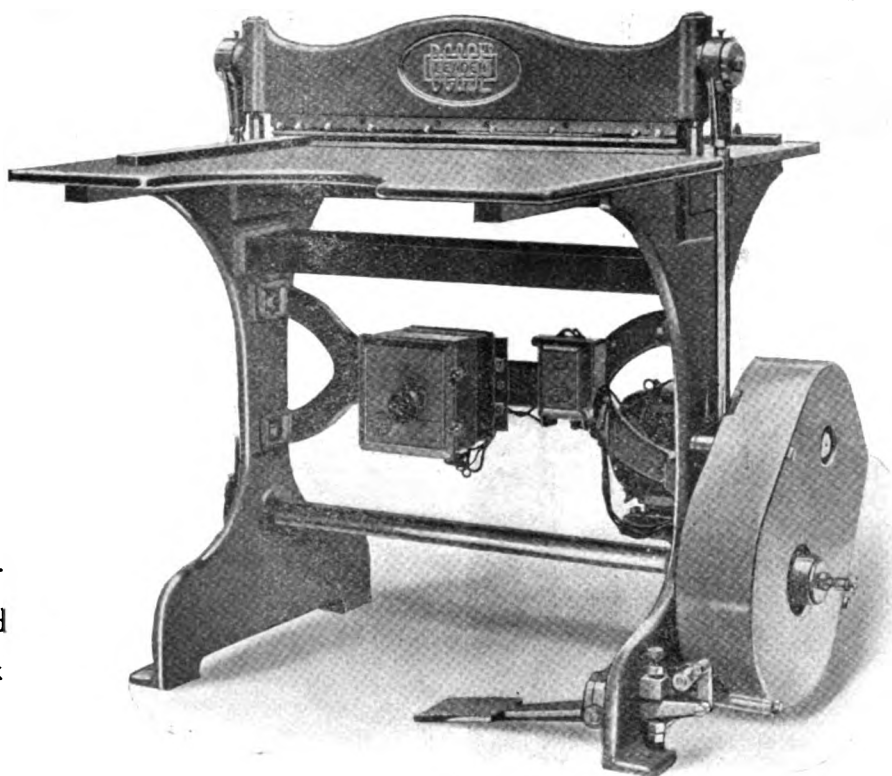
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Personalities in the Limelight

Some F.M.P. Biographies in Brief

MR. A. J. BONWICK

The Federation of Master Printers adds yet another to its line of brilliant presidents by the accession to office of Mr. Alfred James Bonwick. By reason of his wide experience both in the trade itself and in master printers' organisations, Mr. Bonwick is singularly well equipped for the most important office which his fellow master printers can bestow upon him. He has already done valuable work as president, in 1928, of the progressive Home Counties M.P. Alliance. During his Parliamentary career from 1922-4, when he was Liberal member for the Chippenham division, he was appointed to the Committee of Enquiry into Government Printing Establishments. He is also vice-president of his district association—the S.E. London M.P.A., of which he has always been a prominent member. A forceful and convincing speaker, Mr. Bonwick knows the industry from A to Z, as his business record shows. Beginning his career as assistant private secretary to Mr. Henry Sell, of Sells, Ltd., Mr. Bonwick was in 1908 appointed manager of the *Nation*, a position which he retained until his resignation in 1923. In the meantime he had also been appointed publisher of the *Contemporary Review*, and general manager of the *Athenæum*. Between 1919 and 1920 he purchased the businesses of Polsue, Ltd., and Hampton's, Ltd., both of which concerns were later amalgamated with Loxley Brothers, Ltd., Mr. Bonwick becoming managing director. The Garden City Press, Letchworth, is another of Mr. Bonwick's many interests. From this brief survey it will be seen that Mr. Bonwick is well qualified for the position which he now takes up, and his election is, we believe, universally acclaimed.

MR. WILLIAM MAXWELL

Scotsmen have always had a great reputation as leaders of men, and Mr. William Maxwell in his year's presidency of the Federation of Master Printers has greatly added to that reputation. It is a fact worthy of record that, busy man as the managing director of R. and R. Clark naturally is, he has never refused an invitation from any Master Printers' association, has visited all the Alliances—some several times—and has delivered more inspiring addresses in one year than he can well keep count of. Keenly interested in all matters pertaining to the craft, especially as regards the training of efficient employees, he has served the Federation well and truly, as he has also the industry as a whole.

MR. H. G. CLARKE

In Mr. Harold George Clarke, of Leamington Spa, the Federation of Master Printers has every reason to believe that it has found one eminently able to fill the important post of the vice-presidency. Mr. Clarke is a life-long printer, a specialist in colour printing (on which subject he is an author), and a craftsman whose technical knowledge is linked not only with administrative ability but also with long experience of the working of the Master Printers' organisation. As long ago as 1914 he was hon. secretary of the

Leamington and Warwick M.P.A., a post he held until last year, and his other official services have included presidency of the Midland Alliance and membership of the Federation Council. He is a past-president, also, of the Staffordshire and Warwickshire Newspaper Society and a member of the Council of the Newspaper Society. Thus he is obviously a man of wide interests and broad sympathies in the extensive industrial field which the Federation covers.



MR. H. G. CLARKE
New Vice-President of the F.M.P.

MR. ALFRED LANGLEY

A modern outlook, immense vitality and a thorough knowledge of all pertaining to print, especially with regard to publicity and selling—these are but a few of the qualities which characterise Mr. Alfred Langley, president of the London Master Printers' Association, and chairman of the Publicity and Selling Committee. It has been said of Mr. Langley that no matter what sphere of business life he engaged in, he would make a success of it, and that is exactly the impression which Mr. Langley gives. As the head of the Euston Press, a firm that has developed from small beginnings, he understands and sympathises with the viewpoint of both the small and the large printer. As chairman of the Publicity and Selling Committee he instills into others an enthusiasm for publicity as a means of increasing the sale of print—the value of which he has himself proved in practice. More a man of action than of words, he has yet a dominant personality which enables him to "get his ideas over." He has been twice president of the London Master Printers' Association; and his other offices of note have included: President of the West and North-West M.P.A.; member of the executive committee of the Advertising Association; chairman of the Printers' Trade Board.

LT.-COL. B. L. HOOPER

Publicity and selling are matters of special interest to Lt.-Col. Bernard L. Hooper, one of the vice-presidents of the London Central Districts Master Printers' Association. Col. Hooper is a director of W. P. Griffith and Sons, Ltd. He is a member of the L.M.P.A. Council, and of the London District Joint Industrial Council. In addition to this, Col. Hooper is a member of the Council of the Federation,

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COL. BERNARD I. HOOPER

a representative on the Finance Committee of the Advertising Association, and also a representative of the L.M.P.A. on the City of London Employment Committee. Col. Hooper's subject of "Print, Selling and Publicity" at the Publicity and Selling Congress is one on which he is extremely well qualified to speak, as those who have heard him at the London Central Districts M.P.A. and elsewhere know and appreciate.

MR. E. C. AUSTEN-LEIGH

The presence at Edinburgh of Mr. E. C. Austen-Leigh adds further distinction to a notable event. He is well known to printers as chairman of Spottiswoode, Ballantyne and Co., Ltd., and equally famous for a very fine record of service in the interests of master printers' organisations. President of the Federation from 1928-9, Mr. Austen-Leigh has also been since 1925 treasurer of the London Master Printers' Association, and from time to time has held many distinguished offices. He has been president, L.M.P.A.; chairman, L.M.P.A. Open House Committee; chairman, L.M.P.A. Organisation Committee; representative of L.M.P.A. on the Federation Council; president, Printers' Trade Board, etc.



MR. E. C. AUSTEN-LEIGH

Miss M. Kneafsey's business life has been spent entirely with Cahill and Co., Ltd., of Dublin, where she has graduated from a junior clerkship to her present position of works coordinator and assistant managing director. Her flair for organisation and costing brought her early under the notice of the late J. H. McClean, and her management of the firm's branch factory at Drogheda led inevitably, whilst still in the twenties, to the bigger appointment she has now held for some years. She is understood to be one of the most highly-paid people in the trade. As a sideline she is interested in the publishing business of C. J. Fallon, Ltd., who are the Irish agents of Macmillans and of W. and A. K. Johnson of Edinburgh. Recently she broadcast from 2 RN on "Women in Business." She has not had time to get married, but seems as happy in herself as those that are.

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MR. J. A. STEMBRIDGE

No Cost Congress would be complete without the presence of Mr. John Arthur Stemberidge, the progressive director of John Waddington, Ltd., Leeds, who has behind him a long record of valuable service for the Federation. Naturally, as a keen student of costing, Mr. Stemberidge is a firm advocate of the adoption of up-to-date methods. He has given his knowledge wholeheartedly to the Federation and has served it in many ways. He is a past-president of the Federation itself, and is at the moment chairman of the Apprenticeship Committee, and of the Machine Investigation Committee, and vice-chairman of the Labour Committee. From 1923-5 he was chairman of the Leeds and District M.P.A. In addition to this he is president both of the Monotype Users' Association, and the Northern Counties M.U.A.



MR J. A. STEMBRIDGE

One of the leading figures at the Cost Congress was of course the chairman—Mr. William L. Bemrose of Derby. As an authority on the Federation Costing System, Mr. Bemrose has applied the scheme with great success to his own firm, that of Bemrose and Sons, Ltd., and has done much to bring the system into practice in other printing houses. Always active in Federation matters, Mr. Bemrose was president in 1929, of the Midland Alliance, and is a member of the Federation Council. He is also a Liveryman of the Stationers' Company.

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MR. WILLIAM L. BEMROSE

MR. A. WILLIAMSON

A personality that is always welcome and much in evidence at the annual Cost Congress, is Mr. Albert Williamson, the Federation costing secretary, who, with Mr. J. A. Stemberidge, spoke on "Costing To-day and Tomorrow." Mr. Williamson is recognised as an authority in all costing matters, and his expert advice and opinions are appreciated everywhere. He is the author of publications dealing with costing which are recognised as standard works on the subject. Mr. Williamson is a Fellow of the Institute of Cost



MR. A. WILLIAMSON

(Continued on page 550)

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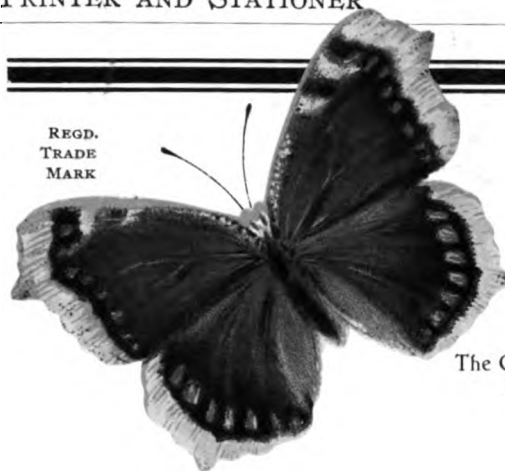
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Depreciation and Other Charges

INCURRED CONSEQUENTLY UPON THE USE OF MACHINERY

Paper Prepared by the late Lt.-Col. DUDLEY P. FORMAN for the Cost Congress at Edinburgh, on Monday

Some time ago, the writer's firm installed a considerable amount of new machinery to replace other machinery of an exactly similar type, and were disturbed to find that on the installing of this machinery the hour cost began to go up by leaps and bounds until it had attained a level, in which it remained stable, very considerably above the previous hour cost.

An examination of the causes of this rise produced the following facts:—

That the charges which could be directly attributed to the use of the machinery were interest, depreciation, repairs, power, consumable stores, rent, and the corresponding light and heat.

Of these, rent, light, heat, power, and consumable stores, on investigation, showed no material change, and as the wages were the same, we were forced to the conclusion that any difference of charge must be due to interest, depreciation, and repairs.

COST OF REPAIRS

Closer investigation of the cost of repairs for a number of years past produced definite evidence, of which the attached tables are a fair sample, that repairs, contrary to the accepted theory, do not in any way tend to increase with the age of the machine. In fact, it may fairly be said that the only thing common to this list of repair costs taken from five types of large machines of all ages and all classes, is that from the very beginning of the life of the machine until it is eventually scrapped, the annual charge for repairs per machine is a fluctuating amount; that it bears no relation whatever to the age of the machine; that it is quite unestimatable by any rule; and that the amount does not tend in any way to increase as the machine grows older. In these figures complete overhauls of a drastic nature, such as sending a machine back to the makers to be "made over," have been excluded. Such overhauls, because they really purchase additional life for the machine, are in the nature of a capital expense, and in the writer's opinion should be treated accordingly.

A COSTING ERROR

The net result of the writer's consideration of the subject is that he has formed the opinion that the Costing Committee made a mistake in 1910 in assuming that the decreasing charge for interest and depreciation caused by the "diminishing value" method would be offset by the increase of repairs as machines grow older. The figures attached have convinced him that that assumption was wrong, and he therefore suggests that the whole question of interest and depreciation is ripe for reconsideration and revision.

At this point it is perhaps desirable to state that, in the view of the writer, depreciation for the purpose of financial books and tax purposes and depreciation for costing purposes must necessarily be dealt with independently.

GENERAL DEPRECIATION

In the case of depreciation of the plant of a business for the financial books and tax purposes such plant is taken *en bloc*, and it can be said that the plant on

which adequate sums are spent for replacements is, taken as a whole, everlasting because its wastages are renewed from year to year. For such purposes the recognised method of depreciation, taken on diminishing value, is a reasonable and accurate method of dealing with the problem, for the following reasons:—

- (1) The value of new machinery is added to the previous diminished value, thus bringing it up to approximately its original value.
- (2) In the event of a machine being thrown out because it is unsatisfactory or has become obsolete in design, either a claim for obsolescence can be maintained, or the value not already written off for the machine can be retained in the plant book and gradually recovered over a period of years.

Neither of these considerations apply to depreciation for costing purposes of an individual machine, or grade of machines, taken by itself.

SPECIAL CONSIDERATIONS

In the first place, the depreciation can only be recovered so long as the machine is actually being worked and is producing output which can be charged out to a customer. Consequently, if a machine is thrown out on account of obsolescence or unsuitability, no further recovery can be made on that machine of the capital which has had to be scrapped, and any recovery on account of this machine must be made by recovering an additional amount on such machines as exceed the normal life which has been taken as a basis.

In the second place, a machine is not of a permanent nature such as can be attributed to the plant of a business as a whole. An individual machine wears out, and when it is worn out no further recovery can be made on its behalf.

It would therefore appear that there is such a difference between the characteristics of the individual machine and of those of the plant as a whole as to call for a difference in method in calculating depreciation.

PRESENT COSTING METHOD

The method at present advocated by the Costing Committee is the same as that applied to the plant as a whole, namely, depreciation on the diminished value of the machine. The effect of this method of depreciation is to reduce the charge for a machine during the later years of its life of a quite inordinately low standard.

Thus, the charge for a £1,000 machine at 10 per cent. depreciation and 5 per cent. interest will be £150 in the first year and approximately £50 in the eleventh year. At $7\frac{1}{2}$ per cent. depreciation and 5 per cent. interest, the charge will vary from £125 in the first year to approximately £50 in the thirteenth year. In other words, on a £1,000 machine, there is a difference of £100 per annum between the first and eleventh years on this account alone, or £2 a week, or one shilling an hour on a basis of forty hours per week. The average hour cost for a machine of this type would be somewhere in the region of 7s. or 8s., in-



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cluding all departmental and other "overheads." As these "overheads" are added as a percentage of the "room charges," among which latter are included interest and depreciation, the reduction of one shilling per hour mentioned above can easily lead to a reduction of hour cost of as much as 30 per cent.

BAD EFFECTS

The effects of this variation are bad. In the first place, prices always tend to fall to the lowest level at which manufacturers will give a permanent supply, and consequently if one reputable printer is charging on his machine time 30 per cent. less than another, the tendency will always be for the lower price to become the standard price. The effect of this upon any attempt to charge what the costing system shows should be the charge for the first year of a machine's life will be obvious.

Secondly, the introduction of a new machine of exactly similar type to run alongside an old machine will inevitably raise the hour rate of the old machine as ascertained on accurate costings, as it is not practicable to have more than one hour cost for one class of machine of the same size engaged on the same kind of work. This in itself is absurd.

Thirdly, and what is more important, the general effect is that there is a premium placed upon the retention in work of old machines which are not economical in their use of labour, and there is a tendency to prostitute prices by making it appear that cheap second-hand machinery is an economy. We all know that this is not true, but nevertheless, our costing figures, as based at the present time, would support such an argument.

INTEREST AND DEPRECIATION

The writer has, therefore, been led to the conclusion that the present method is unsound, and has been compelled to search for some other method of recovering the two charges known as interest and depreciation.

It will perhaps assist our consideration of the subject if a definition of what these two charges really are, and what they represent, is given at this point.

Interest is a charge for the use of money and has to be recovered by anyone making use of it, whether he is using his own money or borrowed money. If the money is borrowed, he has to pay the lender a fixed rate of interest per annum, and if the money is his own he must recover the interest that he sacrifices by not lending the money to someone else.

Depreciation is a charge for the recovery of capital invested in a wasting asset, and the two together—interest and depreciation—bear a very strong resemblance to a rental paid for a leasehold property.

In both cases a capital sum is paid at the beginning of the period for the right to use, or the power to use, a certain leasehold or piece of machinery. In both cases also, the investor of money in either a machine or a leasehold property must, firstly, recover during a certain number of years the interest on the capital sum remaining invested from year to year in the leasehold or in the piece of machinery, and, secondly, he must recover during those years such a sum as will ensure that he has in hand intact at the end of the period the capital sum which he invested at the beginning.

REINSTATING CAPITAL

It is therefore necessary, in order that the capital sum may be reinstated, that payments be made from time to time by the owner of the machine or leasehold, so as to cover himself against the re-accumulation of

his capital sum and the interest which he would otherwise have obtained. Such payments are most conveniently made annually.

There are three methods by which this might be attempted:—

- (1) By the "diminishing value" method hitherto adopted, which the writer hopes he has proved to be unsound.
- (2) By the method of treating interest and depreciation separately and charging a flat rate of depreciation, *i.e.* writing off the capital value of the machine in a given number of years and charging from year to year interest on the diminishing value of the machine.
(The effect of this method is to make a minimum charge for the use of the machine equivalent to the annual flat rate of depreciation, and a maximum charge at the beginning of the life of the machine equivalent to the flat rate of depreciation plus interest on the whole capital sum originally invested in the machine. The charge for interest will decrease from year to year as the sums towards capital are annually recovered by depreciation.)
- (3) The third method is to treat the machine definitely as a leasehold, and to charge a fixed proportion of the purchase price each year to include both interest and depreciation, making interest on the diminished value a first charge against the sum set aside and using the remainder to recover the capital. (See Table.) The interest will always be decreasing and the depreciation always increasing. This proportion can be obtained from any leasehold tables so long as the original price is known and the number of years which it is expected the machine will last can be estimated.

In both these two latter methods, the whole of the capital sum invested in the machine will be written off in the estimated period of its life, and if that life is exceeded a charge will be made which will recover the loss which is incurred when a machine does not, for any reason, last its whole estimated life. In the "diminishing value" method no such recovery is possible.

(Note:—In all these three cases we are speaking of the recovery of an investment by setting aside part of the sale price of the product for that purpose.)

RECOVERING REPAIRS

It only remains to consider what should be done to ensure the recovery of repairs.

These can either be debited year by year to the machine and recovered during the course of the next year by fixing a high enough hour rate, or an estimated average amount can be charged each year and the result compared with the actual figures. In this way the fluctuations would be smoothed out, and this is the method which the writer recommends.

It now remains to sum up and to decide which of these three methods is the best.

The premise of the Costing Committee of 1912 that repairs increase with the age of the machine led to the belief that on a running depreciation basis the decrease of interest and depreciation would be off-set by the increase of repairs. The writer has already stated that he believes this to be a mistake. The records of his firm, supported by independent figures from other sources (which are actual book-keeping figures based on a day to day analysis of mechanics

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actually executing repairs, and day to day purchases of parts) are, he considers, a sufficient basis for his opinion.

CHOOSING A METHOD

On this assumption, and in view of the effects of the existing method, the writer holds the opinion that the choice must be between the second and third methods.

The considerations which should have weight are:—

1. The charge for interest, depreciation, and repairs from year to year must bear a constant relation to the value of the machine as an instrument of production in that year, and since the productive power of the machine remains constant, the charge for the use of the machine should also remain constant. In other words, the method of charging interest and depreciation should have no effect on the hour cost from year to year.

2. The value of the machine in the works at any time should be as nearly as possible what it would sell at in a market not affected by considerations of immediate supply and demand.

3. Any error should be on the side of encouraging the use of the most up-to-date methods known at the time.

THE LEASEHOLD METHOD

The writer is definitely of the opinion that, judged by these tests, the leasehold method is the soundest, because:—

1. Under this method, a fixed proportion of the purchase price is charged for the use of a machine, whatever its age, whether second-hand or new.

TABLE I
COST OF REPAIRS

	Year.	Cost of Repairs.	Ch'geable Hours.
MIEHLES.			
Two Quad Crown Two-Colour. Purchased 1926	1927	£53 13 10	3446
	1928	41 8 10½	4149
	1929	33 1 0	3663
Two Double Demy. Purchased 1911 and 1914	1925	£12 3 3	4144
	1926	14 13 8	4484
	1927	5 9 4	3037
	1928	3 0 0	4597
	1929	16 7 1	4034
CENTURETTES.			
Three Centurettes. Purchased 1912	1922	£23 13 6	4699
	1923	23 4 3½	5557
	1924	8 18 10	6755
	1925	8 0 7	6159
	1926	12 1 6½	6542
	1927	13 17 4½	6480
	1928	10 17 3	6650
	1929	7 11 5	6322
ROTARIES.			
Four 60 by 40. Purchased 1922 and 1924	1925	£169 14 5½	4034
	1926	65 14 8	7166
	1927	58 19 6	7546
	1928	76 13 7½	7591
	1929	64 5 5	5965
OFFSET MACHINES.			
Three Quad Demy. Purchased 1920 and 1923	1924	£43 2 10	6435
	1925	106 18 6	6255
	1926	32 18 4	6956
	1927	70 16 6	6523
	1928	36 16 4½	5792
	1929	67 18 1	5513

Such a method would eliminate those reductions in the costing hour rate caused by the retention of old machinery which are so disturbing a feature of the "diminishing value" method.

2. It will probably be agreed that the values shown in Table 2 are nearer to the real value in use of a machine than either of the other two.

3. Further, it would not discourage the introduction of up-to-date labour-saving machinery, because it would not put a misleading premium upon the retention of old, obsolete, and worn-out plant which ought to be scrapped. As it is upon the continued development of labour-saving machinery that any prospect of a rise in the general standard of living must ultimately depend, this could not fail to benefit all engaged in the industry.

Here, again, method 2 is better than method 1 but not so good as method 3.

In this way a very large amount of the variation in hour rates of the members would be eliminated, thus rectifying one source, at any rate, of the variation in prices about which all printers are complaining.

The conclusion that the writer has reached, therefore, is that method 3 is the soundest. He does recognise, however, that there are arguments which can be put forward for method 2, but after careful consideration of the probable effects upon the trade of instituting a method of depreciation which would encourage the introduction of new machinery, he feels that method 3 is to be recommended.

TABLE II—(Method 3—14 years of life).

Showing Distribution of Annual Charge for Use of the Machine and Depreciated Value at the end of each year.

	Repairs, Int., and Depreciation charged to Costing	Repairs	Int. on Capital at beginning of year	De-preciated Value at end of year
	£	£	£	£
1st year	11	1	5.00	5.00
2nd ..	11	1	4.75	5.25
3rd ..	11	1	4.48	5.52
4th ..	11	1	4.21	5.79
5th ..	11	1	3.92	6.08
6th ..	11	1	3.62	6.38
7th ..	11	1	3.30	6.70
8th ..	11	1	2.96	7.04
9th ..	11	1	2.61	7.39
10th ..	11	1	2.24	7.76
11th ..	11	1	1.85	8.15
12th ..	11	1	1.44	8.56
13th ..	11	1	1.01	8.99
14th ..	11	1	.57	9.43

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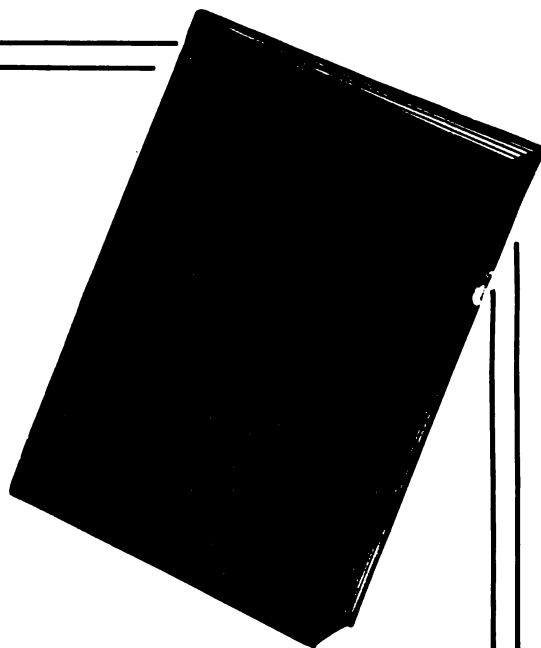
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TABLE III (Method 3—20 years of life).

		Repairs, Int., and Depreciation charged to		Int. on Capital at begin- ning of	De- preciated Value at end of year
		Costing	Repairs	year	Depn. deducted
		£	£	£	£
1st	year	9	1	5.00	3.00
2nd	"	9	1	4.85	3.15
3rd	"	9	1	4.69	3.31
4th	"	9	1	4.52	3.48
5th	"	9	1	4.35	3.65
6th	"	9	1	4.17	3.83
7th	"	9	1	3.97	4.03
8th	"	9	1	3.77	4.23
9th	"	9	1	3.56	4.44
10th	"	9	1	3.34	4.66
11th	"	9	1	3.11	4.89
12th	"	9	1	2.86	5.14
13th	"	9	1	2.60	5.40
14th	"	9	1	2.34	5.66
15th	"	9	1	2.05	5.95
16th	"	9	1	1.75	6.25
17th	"	9	1	1.44	6.56
18th	"	9	1	1.11	6.89
19th	"	9	1	0.77	7.23
20th	"	9	1	0.41	7.59

TABLE IV

Showing Annual Charge for Interest, Depreciation (10 per cent.) and Repairs and Depreciated Value at end of each year on Diminishing Value Method.

		Repairs, Int., and Depreciation charged to		Int. on Capital at begin- ning of	De- preciated Value at end of year
		Costing	Repairs	year	Depn. deducted
		£	£	£	£
1st	year	16.00	1	5.00	10.00
2nd	"	14.50	1	4.50	9.00
3rd	"	13.15	1	4.05	8.10
4th	"	11.94	1	3.65	7.29
5th	"	10.84	1	3.28	6.56
6th	"	9.85	1	2.95	5.90
7th	"	8.96	1	2.65	5.31
8th	"	8.17	1	2.39	4.78
9th	"	7.45	1	2.15	4.30
10th	"	6.80	1	1.93	3.87
11th	"	6.22	1	1.74	3.48
12th	"	5.71	1	1.57	3.14
13th	"	5.23	1	1.41	2.82
14th	"	4.81	1	1.27	2.54

TABLE V

Showing Annual Charge for Interest, Depreciation (7½ per cent.) and Repairs, and Depreciated Value at end of each year on Diminishing Value Method.

		Repairs, Int., and Depreciation charged to		Int. on Capital at begin- ning of	De- preciated Value at end of year
		Costing	Repairs	year	Depn. deducted
		£	£	£	£
1st	year	13.50	1	5.00	7.50
2nd	"	12.55	1	4.62	6.93
3rd	"	11.69	1	4.28	6.41
4th	"	10.88	1	3.95	5.93
5th	"	10.15	1	3.66	5.49
6th	"	9.46	1	3.38	5.08
7th	"	8.82	1	3.13	4.69
8th	"	8.24	1	2.90	4.34
9th	"	7.70	1	2.68	4.02
10th	"	7.20	1	2.48	3.72
11th	"	6.72	1	2.29	3.43
12th	"	6.30	1	2.12	3.18
13th	"	5.90	1	1.96	2.94
14th	"	5.54	1	1.82	2.72

TABLE VI (Method 2)

Showing Method of treating Interest and Depreciation separately and charging a Flat Rate of Depreciation, writing off Capital Value in given number of years.

		Repairs, Int., and Depreciation charged to		Int. on Capital at begin- ning of	De- preciated Value at end of year
		Costing	Repairs	year	Depn. deducted
		£	£	£	£
1st	year	13.00	1	5.00	7
2nd	"	12.65	1	4.65	7
3rd	"	12.30	1	4.30	7
4th	"	11.95	1	3.95	7
5th	"	11.60	1	3.60	7
6th	"	11.25	1	3.25	7
7th	"	10.90	1	2.90	7
8th	"	10.55	1	2.55	7
9th	"	10.20	1	2.20	7
10th	"	9.85	1	1.85	7
11th	"	9.50	1	1.50	7
12th	"	9.15	1	1.15	7
13th	"	8.80	1	.80	7
14th	"	8.45	1	.45	7

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South Wales Printers' Golf Spring Meeting

The South Wales Master Printers' Golfing Society's spring meeting was held at Southerndown, a championship course, last week, and a most enjoyable day was experienced. There was a splendid entry, and competition was very keen.

The programme included a medal singles competition in the morning for both seniors' and juniors' sections, and a nine-hole medal round for ladies; in the afternoon there was a bogey competition for men and a mixed foursomes.

Mr. D. Haddon Jones, president of the South Wales

Alliance, was in the chair at the meeting held after tea, and after his opening remarks asked Mr. E. Quick, of the Lanston Monotype Corporation, to hand over to the winner the cup presented by the "Mono" Corporation. This is a handsome challenge cup which cannot be won outright and so must go round, but it is accompanied by a replica which the Corporation very kindly gives each year "for keeps" to the winner.

The results of the competitions for the day were:—Singles Medal play—seniors, D. J. Tuckett, runner-up, Eddie Williams; juniors, Clive Southey, runner-up, I. M. Thomas. Bogey Handicap—D. J. Tuckett, runner-up, David Evans. Ladies' Medal play—Mrs. Tucker. Mixed Foursomes—Mrs. Corr and Mr. J. L. Rowlands.

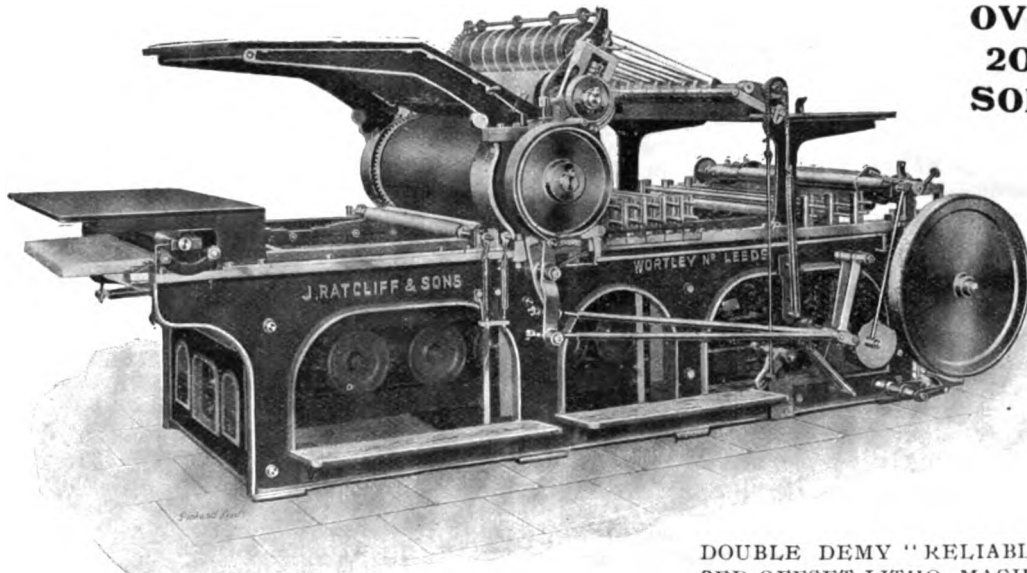
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WRITE FOR PARTICULARS

The Craftsman of the Future

Principal Smail Discusses Education and Apprenticeship

The important question of education—both from a general and technical standpoint—was masterfully dealt with by Mr. James Cameron Smail, O.B.E., F.R.S.E. (Principal of the Heriot-Watt College, Edinburgh), in his paper on "The Craftsman of the Future," at the annual meeting of the Federation of Master Printers on Tuesday.



PRINCIPAL J. C. SMAIL

Principal Smail emphasised the good results that had attended fifty years of compulsory education; secondary education had spread, and the attainments of secondary school pupils were increasingly high, whilst the general level was steadily rising.

Technical education was developing on lines peculiarly British. After a long series of efforts to fit young people for their life-work, the results were not wholly approved, nor were they by any means complete.

TRAINING FUTURE CRAFTSMEN

The craftsman of the future, however, would live in an age of mechanism, of weird and wonderful scientific appliances, of industries grouped on a vast and unprecedented scale. He would have no easy task to fit himself to his environment, and his early training and experience would presumably be radically different from that of his forefathers of one hundred, two hundred or more years ago.

Into this new training would have to be thrown the keenest energies of the industrial world to supplement and guide the work of the schools; in every possible way the factory and schoolroom must be brought into sympathy if really effective results were to be achieved. The works manager would not be able to afford to stand aside from the work of the schoolroom, and the teacher would be ineffective unless he had brought to bear upon his tasks the fullest technical knowledge, advice and sympathy, and received them in the proper spirit for translation into action.

CONTINUED EDUCATION

Regarding the subject of continued education, Principal Smail said elementary education alone was not regarded as sufficient for full self-expression in adult life and work, and supplementary training was now generally taken to be necessary.

Various solutions of continued education had been tried, and progress made in particular areas had been followed up in other areas.

Principal Smail referred at length to the Fisher Act of 1918, its advantages and disadvantages. Continuing, he said there was unfortunately no immediate likelihood of national requirements being met with regard to compulsory attendance at continuation classes. The printing trade had, however, its own particular opportunity to do the best possible within

(Concluded from page 540.)

Personalities in the Limelight

and Works Accountants, and was chairman of its Council from 1924-5; in 1926 he was appointed examiner in costing. Not content with making a life's study of the subject, his principal hobby is also costing.

MR. EDMUND ARNOLD

Mr. Edmund Arnold was appropriately chosen one of the speakers at the Young Master Printers' gathering. The son of Mr. E. G. Arnold (head of Messrs. E. J. Arnold and Son, printers, Leeds, and formerly president of the Federation of Master Printers), he has taken a prominent part in the young men's movement, and is looked upon as one of the most promising of the coming men in the printing and allied trades. He was an active and very useful participant at last year's annual gatherings at Eastbourne. A distinction that has recently been conferred upon him is his being appointed Vice-Consul for Norway at Leeds.



MR. EDMUND ARNOLD

(From previous column.)

its own boundaries, and two matters were definitely capable of achievement without statutory enactments. They were: (1) Co-operation with the education authorities for suitable training schemes; and (2) a system of selection of suitable apprentices to become members of the trade.

APPRENTICESHIP SELECTION

With regard to the first matter, a certain scheme on these lines was working satisfactorily in Edinburgh. The second matter—the selection of young people for particular occupations—had as yet received comparatively little practical consideration, although there had been a good deal of talk on the subject.

Principal Smail proceeded to deal in some detail with the apprenticeship selection scheme at present in operation at Edinburgh—largely owing to the initiative of the Federation president, Mr. Wm. Maxwell. Such a scheme, he said, would ultimately have considerable reactions on industry in general and on the educational system of the country.

The training of executives and managers, and the question of trade schools were also discussed by Principal Smail, who concluded his address by reading a very helpful draft circular for the guidance of parents, teachers, and of young persons who desire to become skilled craftsmen in the printing industry.

PORTRAITS.—In respect of most of the portraits used in this issue, it is desired to acknowledge the courtesy of the Federation of Master Printers for their valuable co-operation in the making of the blocks.

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Health Committee of the J.I.C.

Visit to Limpsfield

Members of the Health Committee of the Joint Industrial Council paid a visit of inspection to the Caxton Convalescent Home at Limpsfield, Surrey, on Wednesday of last week, with a view to reporting on its amenities to the Council. The visiting committee consisted of Messrs. R. G. Evans (chairman), H. M. Richardson (vice-chairman), E. H. Lee, G. Harraway, S. Stubbings, and Miss I. Forsyth, with Messrs. A. E. Holmes (joint secretary, J.I.C.), and L. J. Cumner (assistant secretary, Federation of Master Printers). They were received on behalf of the Caxton Home Committee by Messrs. T. W. George (president), C. W. Bowerman, J.P., M.P. (chairman and treasurer), H. T. Greene, R. E. Hodgkins, A. Joseph, J. J. Kitson, F. G. Parish, and W. F. France, J.P. (secretary). The visitors were conducted over the buildings and grounds, afterwards taking luncheon at the Home.

The president, Mr. T. W. George, expressed the pleasure the committee had in welcoming the members of the Health Committee to the Home. He was sure they could not fail to be impressed by the Home and its beautiful surroundings seen on such a glorious day. They were proud of the Home and of the printing trade that maintained it.

MR. BOWERMAN SPEAKS

Mr. C. W. Bowerman supported the president's remarks, and stated that he knew of no other industry that maintained five flourishing institutions for the care of its members recovering from sickness. They were managed by workmen engaged in the various sections of the industry, and maintained by weekly contributions of their members. He expressed his gratification that the Health Committee had visited Limpsfield in common with the other four institutions he had mentioned.

Mr. R. G. Evans (chairman of committee), in reply thanked the Home Committee for receiving them in such a kindly way. It had been a great pleasure to see the Home amidst such charming, natural scenery. From what he had seen he was sure it was a well-managed institution, reflecting credit on those identified with its working. He shared the president's and Mr. Bowerman's pride in the benevolent work of all sections of the printing industry in this and other directions. He wished the committee every success in its good work.

Mr. E. H. Lee, speaking as a member of the committee and also as chairman of the Joint Industrial Council, said he was impressed more than he had ever been before by the wonderful achievements effected by the weekly pence of working people; the visit had been a great pleasure to him.

Mr. A. E. Holmes added his gratification at the visit, and congratulated the Master and Matron on the care bestowed upon the comfort of the patients and the cleanliness of the Home.

The Health Committee afterwards held a business meeting in the boardroom, which concluded a very interesting visit.

MR. CHARLES TAYLOR, Warwick-lane, E.C., publisher and bookseller, left £23,902 (net personalty £23,473).

Marshalsea Provident Society

Charles Letts Employees' Organisation

The third annual meeting of the Marshalsea Provident Society (run in connection with Messrs. Charles Letts and Co.) was held on May 28th at the Bridge House Restaurant, London Bridge. Mr. L. C. Letts, presiding over a gathering of 200 people, was supported by Mr. Donald Letts, Mr. F. S. Pocock (chairman of the committee), and Mr. A. C. Ware (hon. secretary). Letters regretting absence were received from Mr. H. V. Letts (president), and Mr. K. P. Letts.

In formally moving the adoption of the report and balance-sheet, the chairman congratulated the officers on the healthy state of the Society's affairs, and made mention of the increase in the bank balance. Without any discussion the report and balance-sheet were adopted unanimously.

Mr. F. S. Pocock, in proposing a hearty vote of thanks to the firm, pointed out that the firm's contributions were greater than that of the members, and although the funds were increasing each year, he hoped the committee would not spend their money on unnecessary entertainment, but conserve their funds until such times as they would be in a position to bring forward an unemployment fund, and perhaps a pension scheme. The funds had reached to a considerable amount in three years, and it was not improbable that in a few years more they would be able to launch schemes in the directions he had suggested.

The chairman replied, and promised the usual £50 contribution this year.

A vote of thanks to the officers and committee was proposed by Mr. Donald Letts, and responded to by Mr. Ware.

An enjoyable concert and dancing immediately followed the meeting.

A New Varnish

Messrs. B. Winstone and Sons, Ltd., are, in this issue, introducing to the lithographic trade a new varnish, which is called "Senfeldan." The particular claims made for this varnish are that by its use long runs of half-tone photo litho or heavy solids can be made without irritating stoppages for doctoring, the last impression being equal to the proof; moreover, when "Senfeldan" is used the signs of weakness associated with the use of pure linseed oil varnish, i.e., the loss of detail, are overcome; also runs of 40,000 can be made without any stops to clean up.

The price of the varnish is slightly higher than thin lithographic varnish. However, the economy effected by the use of "Senfeldan" will, it is claimed, compensate for this additional cost, as "Senfeldan" prevents greasing-up and etching effects. It further preserves the work on litho stones, zinc and aluminium plates. To ensure the purity of the varnish it is packed in non-returnable drums.

MR. W. S. FORSTER, Sandown, retired publisher, left £7,671 (net personalty £6,799).

Publicity and Selling Congress

Views of Printers and Buyers of Print-Salesmanship

The Assembly Rooms on Monday afternoon presented a scene very similar to that of the morning session; only this time it was Publicity and Selling which occupied the attention of the audience. Under the presidency of Mr. Alfred Langley, chairman of the Publicity and Selling Committee, a large company of master printers sat down to listen to a series of excellent papers, presented not only by fellow members, but also by a well-known advocate of modern methods of salesmanship, and by a discriminating buyer of a large amount of printing. Throughout the session great interest and enthusiasm were evident, and this

led to the recent decision of the Federation Council to accept the Publicity and Selling Committee's recommendation for the preparation of a book on Salesmanship for Printers, which was being written under the guidance of the committee by Mr. Wallace Attwood, one of the best known authorities on Salesmanship. Mr. Maxwell concluded with a glowing tribute to the value of the work which Mr. Langley had performed as chairman of the Publicity and Selling Committee.

Mr. Alfred Langley, who presided over the session, opened the proceedings with a survey of the year's work. He pointed out that they were up against a difficult problem in applying to the selling of printing itself the methods of selling of which printing was itself a part. They could now claim to have gone a long way towards solving the problem, and the de-



MR. ALFRED LANGLEY

Chairman, Publicity and Selling Committee.

impression was strengthened by the large number of questions and comments which came from the body of the Hall.

Once again Mr. William Maxwell led the proceedings with an effective address.

REVIEWING PROGRESS

Mr. Wm. Maxwell, in his opening address, briefly reviewed the inception and growth of the publicity and selling activities of the Federation. A direct result of these, he said, was that the Federation was receiving an increasing number of inquiries from members for advice on how to undertake advertising printing, and as to where they could procure the services of copywriters, artists and layout men. The known results might be considered satisfactory, whilst the psychological effect, both of the committee's activities and of the very considerable publicity its work has aroused in the trade Press, was very hard to assess. The desire for still greater work by the Federation had



MR. C. DANDRIDGE



MR. ROBERT WYLIE

velopments throughout the country were very striking. Mr. Langley then outlined the work which had been undertaken by members of the Committee throughout the country, of which they were now reaping the reward. He pointed out that the programmes of alliances and associations marked the great importance which was now being attached to this subject, and he went on to specify the value of the printing session held in connection with the Advertising Convention. Among the new tasks which the Committee had set itself for the coming year was the preparation of a new series of poster stamps and probably posters. Referring to the projected book on Salesmanship for Printers, Mr. Langley declared there was a clear need for such an authoritative work.

A PRINT-BUYER'S VIEWS

"Some Points of View of a Large Buyer of Printing" were then submitted by Mr. C. Dandridge, advertising manager of the London and North-Eastern Railway. He mentioned that his company placed orders for printing to the value of £140,000 per annum, and sought the aid of some 80 printers in producing advertising material. The printing of railway time-tables, excursion handbills, excursion posters and similar announcements represented a tremendous output of printed matter, something like 42½ million handbills and time-tables being produced annually. This printed matter was let by contract to various printers throughout the country, competitive tenders being invited as the contracts were due for renewal. This system, he claimed, naturally encouraged a

healthy commercial spirit. Such competition, however, should not, he thought, necessarily result in a lowering of the standard of the article supplied, and in the case of the printing trade, assuming that the quality and the weight of the paper used was of an agreed grade, variations, if any, must be in quality of the layout and the effectiveness of the typography.

This brought Mr. Dandridge to the debatable subject of what was good service, and he expressed astonishment that in many instances the service which should rightly be given by the printer to his client could only be obtained either by the direct employment of a skilled typographer, or by the introduction of an intermediary in the shape of an advertising agent, who might have had the forethought to equip himself with an experimental foundry or a staff well versed in typography. In making these remarks, however, he did not ignore the fact that there were many efficient printers, the quality of whose work was above reproach. The speaker went on to suggest two methods whereby the printer might perform his legitimate function of developing the art of printing, and at the same time of giving the full measure of efficiency and satisfaction to his client. These were: (1) by allowing a reasonable margin for research and service when working out competitive quotations; and (2) by offering a typographical service to his clients over and above the cut-price quotations, when he found himself in the open market of competition.

In the ensuing discussion Mr. J. Crowlesmith, J.P., deputy Chairman of Hazell, Watson and Viney, pointed out that the high-class printing referred to by Mr. Dandridge meant first-class wages, which, in turn, meant that a fair price must be paid in order that the master printer might employ skilled craftsmen and buy the best materials. Mr. Crowlesmith's complaint was that buyers of printing asked for estimates from about half-a-dozen printers and accepted the lowest estimate. What was wanted was a better spirit of co-operation between printers, advertising men and publicity men.

Herr Hofrat von Weber, Leipzig, spoke of the necessity for creating a high standard of work, and described the efforts being made in Germany to achieve this end.

PRINT, SELLING AND PUBLICITY

Mr. Robert Wylie, Glasgow, introduced the subject of "Print, Selling and Publicity," and passed on to consider what he described as the two most vital phases of printed publicity, namely, the Press and direct mail. Rightly understood, these two were not enemies, but allies, and while the jobbing printer for personal reasons might regret the ebb tide towards Press and welcome the flow when it set direct-mailwards, there was no need to assume that either would ultimately flourish to the extinction of the other. The well-balanced advertising campaign would take account of both, and the result would be beneficial just to the extent that those responsible had hit the due proportion of effort in the two spheres. Whilst there were many cases of Press advertising in which the method was plainly obvious, direct-mail publicity had its own peculiar virtues, one of which was the intimate touch which it gave. Mr. Wylie went on to offer some valuable advice regarding the preparation of direct-mail advertising matter.

HELPING THE SALESMAN

Addressing himself to the subject of "Helping the Salesman," Lieut.-Col. B. L. Hooper said the most essential qualification for a successful salesman was complete confidence, first in himself, then in and for his firm, and finally the confidence of his customers.

A general knowledge of the theory of advertising and the value of type, colour, illustrations, etc., and a knowledge of the principles of salesmanship were also necessary.

"Printers should take their own medicine—printed publicity," was the keynote of Mr. E. C. Keliher's address on "Printers' Publicity." Therefore their publicity should principally consist of sustained mailings—blotters, folders, leaflets, booklets, etc., although that was not the end of publicity work. Printers' publicity should be designed to circumvent the folly of buying the lowest-priced printing, which was at present a disease among some firms. Mr. Keliher went on to deal with the matter from the point of view of different printers, emphasising the claim that printed publicity must be taken seriously inside the business itself and acted upon.

Mr. Attwood having addressed the meeting on the subject of the text-book on Salesmanship, Mrs. B. L. Warde, publicity controller, Lanston Monotype Corporation, suggested that the work should take the form of a loose-leaf book. She surmised that direct-mail advertising would have a meteoric career during the next two years or so, and she looked forward to attending a Master Printers' Congress in five years' time where direct mail would be one of the chief subjects for their consideration.

The proceedings concluded with a vote of thanks to the speakers, proposed by Mr. A. J. Bonwick. Doing so, he congratulated Col. Barrell on his election, to take place in the near future, as chairman of the British Direct Mail Advertising Association.

Ladies' Recreation

While master printers were grappling with their publicity and selling problems on Monday afternoon, their ladies were enjoying themselves in less serious fashion. At two p.m., in beautiful sunshine, with Edinburgh looking really at its best, they set off on a charabanc tour of the city, visiting places of historical interest; and, judging from the animated smiles, bright conversation and laughter which greeted the master printers at the conclusion of the Publicity and Selling Congress, a really enjoyable afternoon must have been spent.

In the evening there were brilliant scenes at the reception, dance and whist drive which everyone attended at the Assembly Rooms, George Street. This was by invitation of the Scottish Alliance of Master Printers, and the guests were received by the president, Mr. Theodore Watt, and Mrs. Watt. Dancing and other amusements proceeded until a late hour.

BOMBAY journalists and press-proprietors recently passed resolutions strongly protesting against the promulgation of the Press Ordinance, and also called for an all-India conference of representatives of newspapers and printing presses to concert measures to meet the situation.

ADVERTISING, particularly the poster branch of it, continues to be helpfully discussed and illustrated in the *Placard*, the quarterly magazine, ably edited by Mr. Cyril Sheldon, of Sheldons Limited. The current issue is, as usual, rich in reproductions of notable posters and in articles of interest to users and producers of publicity.

The Annual Meeting

Mr. A. J. Bonwick Elected Federation President, and Mr. H. G. Clarke Vice-President

The business programme at Edinburgh concluded on Tuesday morning with the annual general meeting of the Federation of Master Printers.

Mr. William Maxwell, the retiring president, who occupied the chair, in moving the adoption of the annual report, said the past year had not been marked by any outstanding crisis, but perhaps in after years it might be regarded as one in which steady progress had been made and in which the consolidation of the organisation had been advanced. The municipalisation of printing had called for very serious discussion and a special committee under the able chairmanship of Mr. H. G. Clarke had carefully watched the developments in that direction. The decision of the Bradford Association to test the legality of the Corporation's desire to embark on a municipal printing experiment was heartily endorsed by the Federation Council, and that was one of the most important decisions the Council had had to make in recent years.

Lt.-Col. H. Rivers Fletcher, dealing with the labour situation, said they could congratulate themselves that their relations with the trade unions had remained on a friendly basis, and they had avoided any major issue. They were nearing the completion of the re-grading work.

Mr. A. J. Bonwick said the Contracts and Legislation Committee had faced a full and anxious year's work. The derating proposals of the late government

were among the most urgent matters they had to deal with, and on numerous occasions the officials at Old Bailey were able to get relief for members.

The annual accounts were presented by Mr. Edward Unwin, seconded by Mr. W. B. Wykes (asst. treasurer) and unanimously adopted.

Mr. Maxwell proposed Mr. Alfred James Bonwick (London) as President of the Federation for the forthcoming year. In doing so he said that during his presidency there had been many anxious moments when various very difficult problems had had to be faced, and when heavy responsibilities weighed hardly upon him. Alfred Bonwick had never once shirked carrying his full half of the weight, and the Federation would honour itself and do itself a very great service in electing Mr. Bonwick. (Applause.)

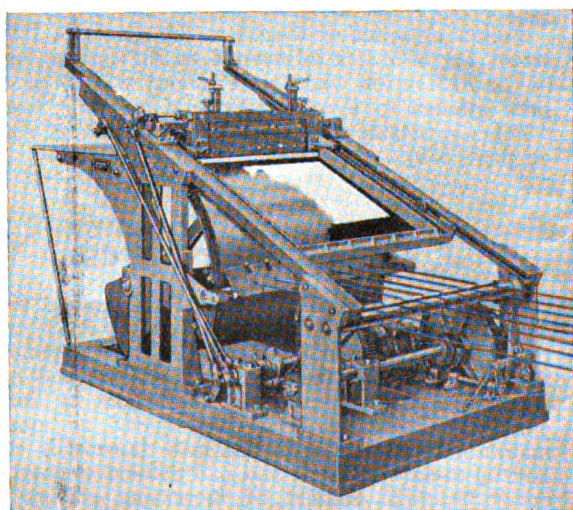
Lt.-Col. Roy F. Truscott (president of the Home Counties Alliance) cordially seconded the resolution. Col. Barrell supported and it was carried with enthusiasm.

Mr. Bonwick in reply stressed the honour which his election conferred not only on himself but on the Home Counties Alliance; he paid eloquent tribute to Mr. Wm. Maxwell both as a friend and as president of the Federation.

Mr. Bonwick then proposed as vice-president of the Federation Mr. H. G. Clarke, of Leamington Spa. He referred in terms of great praise to Mr. Clarke's

An Entirely New Principle in Colour

THE SELECTASINE PRESS



(Patents applied for in all countries)

Printing

Automatic, power driven.

1,000 to 2,000 impressions
per hour.

Small capital outlay, very low
working costs.

Purchase outright or by rental
system

DEMONSTRATIONS

by appointment

daily at our offices (until June 21st)

29/30, SHOE LANE

SELECTASINE PATENTS Ltd.

work as president of the Midland Alliance and in numerous other directions.

The nomination was seconded by Mr. W. L. Bemrose (Derby), supported by Mr. W. B. Wykes, and carried unanimously.

On the proposition of Mr. David Drysdale (Hull), seconded by Mr. John Ellis (Llanidloes), Mr. Edward Unwin was unanimously re-elected treasurer of the Federation; and on the proposition of Mr. John Wylie (Glasgow), seconded by Mr. E. P. Lobley (Dewsbury), the meeting unanimously re-elected Mr. W. B. Wykes as assistant treasurer. The auditors, Messrs. A. C. Roberts, Wright and Co., were re-appointed.

Lt.-Col. R. F. Truscott, as president of the Home Counties Alliance, then formally invited the Federation to accept the hospitality of the H.C.M.P.A. at Bournemouth in 1931. Mr. W. Amison (vice-president, H.C.M.P.A.) seconded, and the invitation was heartily accepted.

The meeting then heard an extremely interesting address (reported on page 550) from Principal James Cameron Smail, O.B.E., F.R.S.E., (Heriot-Watt College, Edinburgh), on "The Craftsman of the Future."

The Stationers' Association

Annual Convention at Torquay

The 25th annual convention of the Stationers' Association opened at Torquay on Saturday afternoon with a conference of branch secretaries. In the evening the Mayor of Torquay gave a reception and dance at the Town Hall, and on Sunday morning the delegates accompanied him to a civic service at the Belgrave Congregational Church.

The first business session of the convention took place at the Town Hall on Monday morning, and was followed by an official luncheon at the Pavilion, the business being resumed in the afternoon. A further business session took place on Tuesday, and subsequently the delegates took a charabanc trip to Plymouth, where they were given a reception by the Mayor, and after a lunch, presided over by the chairman of the South-Western branch, Mr. Ernest R. Underhill (Plymouth), were taken to various places of interest in the city, afterwards returning over the moors to Torquay, where a dance took place in the evening. The fourth business session was planned for Wednesday morning, and the annual banquet in the evening.

The president of the convention is Mr. T. Owen Jacobsen. The South-Western branch, of which Mr. Leonard Harris (Plymouth) is secretary, and Mr. J. Wroath (Plymouth) treasurer, was responsible for all the local arrangements, and raised a hospitality fund amounting to nearly £300 towards the cost of entertaining the convention on this, its first visit to a seaside resort. With the exception of a visit each to Birmingham and Manchester, the whole of the stationers' conferences during the past 25 years have taken place in London.

The delegates and their wives, who came from all parts of the United Kingdom, numbered about 400.

To mark the 25th anniversary of the Association a membership campaign has been carried on which has resulted in the addition of nearly one thousand new members.

Youth in Conference

Young Master Printers Discuss Sales and Costs

It was evident right from the beginning of the Federation annual meetings that youth was attending in force, but it was not until Tuesday morning, when they held their own congress at the Freemason's Hall, George Street, that the young men as a body, had a chance of displaying their zeal and enthusiasm for all matters connected with print.

In Mr. Eric Annandale, of Perth, the young master printers had a chairman with a quiet, but forceful personality, and under his direction a really useful and interesting morning was spent.

The congress was fortunate in securing Mr. William Maxwell, the Federation president, ever willing to give of his experience to his young friends, to open the proceedings. In doing so, Mr. Maxwell mentioned that the congress was the first to be held since the Y.M.P. movement received the official recognition and the seal of approval of the Federation. He felt proud, he declared, of the forces from which fresh blood would flow into the veins of the Federation, and he congratulated Mr. Eric Annandale upon the honour done to him, his country and his fair county of Perth.

Following this excellent start, the Y.M.P.'s settled down to hear an address from Mr. Wallace Attwood, of London, on one of the most vital factors of the printing industry to-day—Personal Salesmanship. Right from the commencement of his address Mr. Attwood emphasised the importance to the printing salesman of service to the customer, and he went on to give very stimulating and helpful indications of how the salesman could increase his efficiency.

After the discussion on Mr. Attwood's paper, Mr. M. J. T. Watson, of Letchworth, followed with a very thoughtful paper on the same subject of Personal Salesmanship. Then, from salesmanship the meeting turned its attention to costs, Mr. Edmund Arnold, of Leeds, giving an address on "Production Records," in which important details received helpful consideration.

Following votes of thanks to the speakers, from the chair, the Y.M.P.'s adjourned to the annual meeting of the Federation where, in company with their elders, they listened to Principal Smail's inspiring paper on "The Craftsman of the Future" (which is reported on page 550).

Amalgamated Press

In the course of his speech at the annual meeting of the Amalgamated Press, Ltd., on Friday, the Rt. Hon. Lord Camrose (chairman of the company) said that the extensive printing businesses owned by this company produce practically the whole of the company's publications. They had spared no money to maintain these establishments in a thoroughly efficient and up-to-date manner, and had availed themselves of every practical method of increasing efficiency and output.

The company's paper-making business, the Imperial Paper Mills, situated at Gravesend, had also had a satisfactory year's trading. They had now in the course of erection there another large paper-making machine, which they expected to have ready for operation in the course of a few months.

F. M. P. Annual Banquet

A Brilliant Function

A fitting culmination to the annual gatherings of the Federation of Master Printers came on Tuesday evening, when a brilliant company attended the annual banquet in the Assembly Rooms. Mr. William Maxwell presided, and the many distinguished guests included Sir William and Lady Waterlow, the Rt. Hon. Thos. B. Whitson (Lord Provost of Edinburgh) and Mr. W. R. Codling (Controller, H.M. Stationery Office).

Sir William Waterlow, proposing "The City of Edinburgh," said the city was intimately connected with the typographic art, and the work of its printers had made a name by its beauty, accuracy and finished workmanship. He heartily congratulated Mr. Wm. Maxwell on the success of the annual gatherings and of his year of office as president.

The Lord Provost responded, mentioning many famous Edinburgh firms associated with printing, publishing, ink-making, typefounding and papermaking.

Proposing "The Federation of Master Printers," Mr. Hugh Walpole, the novelist, had some interesting and amusing things to say about his impressions of printing and publishing.

In replying, Mr. Maxwell expressed gratitude to many who had helped him during his presidency, including Messrs. J. S. Waterston, Theodore Watt, J. MacLehose, W. B. Wykes and Edward Unwin. As the principal development of his year of office he mentioned the recognition by the Federation of the Young Master Printers' Movement.

Mr. A. J. Bonwick gave the toast of "The Scottish Alliance," Mr. Theodore Watt replying; and Mr. J. MacLehose proposed "The Guests," response being made by Sir John Macleod and Messrs. Weber and Stampfli.

London Newspaper Merger

A sensation was created at the week-end by the news that on Monday the *Daily Chronicle* and the *Daily News* would be published as a single newspaper under the title of the *Daily News and Chronicle*—as duly occurred. Even the staffs of the papers were taken by surprise.

Arrangements have been made for the transfer of the copyright of both papers to a new company, whose shares will be held in equal proportions by the News and Westminster, Ltd., and United Newspapers, Ltd. Control of the new company which will own and publish the amalgamated paper will be vested in five trustees nominated by the constituent companies. The first trustees will be: Mr. L. J. Cadbury, chairman of The Daily News, Ltd.; Mr. W. T. Layton, chairman of News and Westminster, Ltd.; Lord Cowdray, vice-chairman of News and Westminster, Ltd.; Mr. B. H. Binder, chairman of United Newspapers, Ltd., and Mr. J. C. Akerman, vice-chairman of United Newspapers, Ltd.

THE newspapers of New York are seriously threatened with a strike in their composing and press rooms owing to the demand of the unions of a five-day week with six-day pay. The contract between the publishers and printers has expired.

Trade Notes

IN PURSUANCE of the intensive programme recently announced, Northcliffe Newspapers, Ltd., have acquired sites for the offices of up-to-date evening papers in Hull and Middlesbrough. Entirely British plant of the most modern design has, it is stated, been ordered to the value of several hundred thousand pounds.

THE *Daily Herald* will begin to publish from Manchester on July 7th. Extensive up-to-date plant has been installed.

SLEEVELESS frocks are reported to be the cause of a dispute between the management and nearly 200 girls who work at Messrs. Cedric Chivers, Ltd., the well-known bookbinders, Bath. The management has vetoed bare arms. The girls are so resentful of any attempt to interfere with their freedom to dress as they like, that some of them who previously came to work in sleeved dresses abandoned them in favour of sleeveless attire directly the ban was announced.

A SHOPKEEPER was fined £2 at Brighton on Friday for exposing for sale obscene picture postcards at his shop.

THE *New York Evening World* on Monday successfully transmitted its entire front page by photo-radio to Atlantic City.

FRIDAY was the 299th anniversary of the first French newspaper.

SCHOOL BOOKS FOR CANADA.—Text-books printed in non-British countries have been eliminated from the curriculum of public schools in British Columbia by order of the Provincial Government. The new list of books authorised for use in the schools contains only works printed in Canada and Great Britain (says Reuter). A campaign against foreign text-books, notably histories printed in the United States, was conducted recently by Mr. Hinchcliffe, British Columbian Minister of Education.

CHEAPER U.S. BOOKS.—A revolution has begun in the book publishing trade. America; New York publishing firms announce drastic cuts in the prices of all books. In future novels now selling at half a guinea will be sold for 4s. One publisher is also introducing paper-bound novels, an experiment which was tried in England years ago.

BENEFITS

A trade organisation is judged by the generosity of the benefits it provides for its members.

THE PRINTERS' PROVIDENT ASSOCIATION provides Unemployment, Superannuation and Funeral Benefits upon terms which are lower than those of any other trade organisation.

The Society is the pioneer in the printing trade of the movement for joint associations of employers and employed.

It is the originator of the scheme for contributory insurance whereby employers assist in providing benefits of a reasonable nature for workers engaged in the craft.

Forms of application for membership and further information with pleasure from the Secretary:—

STANLEY G. C. JACOBS,

21, Charterhouse Street, Holborn Circus, E.C.1.

Telephone: Holborn 0527.

Commercial Review

Current Share Prices

Allied Newspapers ord. 27s. 6d., 27s. 3d., 8 p.c. cum. pref. 20s. 9d., 20s. 10½d.; Allied Northern Newspapers 6½ p.c. deb. 100, 99½; Amalgamated Press ord. (10s.) 22s. 6d., 7 p.c. cum. pref. 20s. 3d., 20s. 1½d., 5½ p.c. deb. 99½, 91; Anglo-Foreign Newspapers (5s.) 1s., 10½d.; Argus Press Holdings 24s. 9d.; Associated Newspapers 23s., 22s. 7½d., def. (5s.) 27s. 6d.; R. W. Crabtree pref. (10s.) 10s. 1½d.; Daily Express Building 6 p.c. deb. 99½; Daily Mirror Newspaper (5s.) 22s., 22s. 3d., 8 p.c. pref. 26s., 26s. 10½d.; Daily Sketch and Sunday Graphic 6½ p.c. deb. 104; Thos. De La Rue 10s. 9d.; Eyre and Spottiswoode deb. 4½ p.c. 91, 91½; Financial Times ord. 23s. 9d., 7 p.c. cum. pref. 20s. 10½d.; Illustrated Newspapers 9s. 10½d., 10s. 1½d.; International Linotype 82½; Kelly's Directories 47s. 6d., 7½ p.c. cum. pref. 22s. 9d.; Lamson Paragon 19s. 6d., 5½ p.c. cum. pref. 15s. 7½d.; Lanston Monotype Corporation 38s. 6d., 37s. 9d.; London Express Newspapers 7 p.c. cum. pref. 27s. 6d.; George Newnes (10s.) 23s. 3d., 22s. 9d., 5 p.c. cum. pref. 15s. 6d., 7 p.c. 2nd cum. pref. (10s.) 9s. 3d.; Northcliffe Newspapers 5½ p.c. deb. 98½, 99; Odhams Press (4s.) 6s. 6d., 6s. 2½d., new ord. 6s. 6½d., 6 p.c. pref. 17s.; Sunday Pictorial Newspapers 8 p.c. cum. pref. 25s. 1½d.; United Newspapers 7½ p.c. cum. pref. 7s. 9d.; Waterlow and Sons def. 33s. 6d., 4 p.c. pref. (cum.) 14s.; Weldons pref. ord. (10 p.c. cum.) 13s. 3d., 14s. 6d.; Wyman and Sons 7 p.c. cum. pref. 22s. 6d.

Dividends and Reports

A. B. FLEMING AND Co. (printing ink manufacturers, etc., Edinburgh) report a credit balance at profit and loss account of £59,037, including £16,023 brought in. The sum of £4,000 is transferred to general reserve, £10,000 to plant depreciation reserve, and £1,000 to staff pension and benevolent fund. It is proposed to pay a final dividend of 10 per cent., making 15 per cent., less tax for the year, and a jubilee cash bonus of 2½ per cent., less tax, leaving a balance to be carried forward of £17,787. The sum of £100,000 will be taken from reserve and capitalised, holders receiving two new shares for every three now held.

ALLIED NEWSPAPERS, LTD.—For the year ended December 29th, 1929, profits are shown at £650,378, as compared with £694,518 for the previous year. With £138,655 brought in, the balance available is £789,034, from which interest on debenture stock takes £39,172, against £40,372. After meeting the preference dividend of £304,000, the directors again propose placing £110,000 to general reserve (bringing that fund up to £580,000). The final dividend on the ordinary capital is 4 per cent., making 10 per cent., less tax, compared with 14 per cent., the increased balance of £177,861 being carried forward.

ASSOCIATED NEWSPAPERS.—Profit for the twelve months ended March 31st was £1,245,323 (against £1,205,666 for the preceding year). Reserve for special publicity receives £200,000, and dividends have been paid of 5 per cent. on the preference shares, 7 per cent. on the ordinary shares, and 40 per cent. (the same) on the deferred shares. The sum of £773,336 remains to be carried forward, against £694,013 brought in.

VALENTINE AND SONS.—Profit of these well-known colour printers, publishers, etc., for 1929 was £2,523.

Forward £6,119 (against £9,460). It was found difficult to run pen business as a department of company and directors formed separate company for purpose, called Valentine Pen Co., and have entered into an arrangement for provision of £10,000 additional working capital. Mr. Edwin Heath resigned position as director, but retains position as sales manager.

FINANCIAL TIMES, LTD.—Directors report profit for 1929, after payment of directors' fees, depreciation, and making provision for income tax, amounted to £131,337 (against £191,179 for 1928) to which is added £22,816 brought forward. £56,000 is deducted for preference share dividend, while interim ordinary share dividend took £30,000, and £10,000 has been allocated to capital reserve account. It is proposed to pay final dividend of 2½ per cent. on ordinary shares, making 10 per cent. for the year (for 1928 one payment of 7½ per cent. was made), to place £10,000 to general reserve and to carry forward the balance of £38,465.

New Companies

ART PHOTOGRAVURE CO., LTD.—Capital £80,000, in 4s. shares; to acquire the undertaking and assets of Trichrome Photos and Films, Ltd., subject to its liabilities, and to carry on the business of manufacturers, exporters and importers of and dealers in cameras, papers, chemicals, and all kinds of photographic apparatus and accessories, colour and general letterpress printers, etc. Public company. Subscribers: H. Braten and F. Butler. Solicitors: Last, Riches and Fitton, 18, Bolton-street, Piccadilly, W.1.

ROBERT HOWE, LTD.—Capital £7,000, in £1 shares; to acquire the business of printers, stationers and bookbinders carried on by Sarah Howe and Fanny Howe (as executrices of the late Robert Howe), at Heywood, Lanes. Private company. Directors: Sarah Howe, C. H. Bryning, A. H. S. Garner, E. Mills and H. Silverwood. Registered office: 36, Market-place, and 2 and 4, Bamford-road, Heywood, Lanes.

SOCIETY AND SPORTS PRESS, LTD.—Capital £7,000, in 16,000 8 per cent. participating preference shares of 5s. each and 60,000 ordinary shares of 1s. each; to carry on the business of press agents, printers, publishers, bookbinders, advertising and publicity agents, etc. Private company. Subscribers: R. Miles and H. M. Williamson. Directors: N. M. Walker and J. I. Oliphant.

PARKER AND MORGAN, LTD.—Capital £6,000, in £1 shares; to acquire the business of a letterpress and lithographic printer, bookbinder, wholesale paper merchant, etc., carried on by M. J. Parker at St. Paul's-square, Birmingham, as "Parker and Morgan," and to carry on the same and the business of manufacturers of and dealers in envelopes, boxes and cartons and all articles used in the manufacture thereof, manufacturers of paper, account books, etc. Private company. Directors: M. J. Parker and Mrs. E. Parker. Registered office: Harold Mayhew and Co., Birmingham.

LIONEL PRESS, LTD.—Capital £1,000, in £1 shares; to acquire the business now carried on as the Lionel Press at 60-61, Lionel-street, Birmingham, and to carry on the business of printers, publishers, etc. Private company. Directors: H. S. Cater and Mrs. H. M. Cater. Secretary: C. H. Stacey. Registered office: 60-61, Lionel-street, Birmingham.

G. W. BEAUMONT, LTD.—Capital £1,000, in £1 shares; to acquire the business of a printer, publisher, bookbinder,

engraver, lithographer, copperplate printer, paper ruler, etc., now carried on by the executor of the late W. Beaumont, at 21, Scale-lane, Hull, as "G. W. Beaumont." Private company. Directors: R. Thorp and Mrs. E. Beaumont. Solicitor: E. W. Hewitt, jun., Crown Chambers, Land of Green Ginger, Hull.

B. SIMS AND CO. (PRINTERS), LTD.—Capital £800, in £1 shares; to carry on the business of printers, account book manufacturers, lithographers, linotypers, etc. Private company. Directors: Rev. H. Dunnico, M.P., T. Irving and W. Court. Registered office: 68, Lant-street, S.E.1.

Mortgages and Charges

VICTORY-KIDDER PRINTING MACHINE CO., LTD.—Mortgage on freehold land and premises in Laird-street, Birkenhead, with machinery, fixtures, etc., dated May 8th, 1930, to secure all moneys due or to become due from the company to the Midland Bank, Ltd.

FIELD PRESS (1930), LTD.—Particulars filed of £170,000 debenture stock authorised May 8th, 1930, and covered by trust deed of same date, charged on Windsor House, Breams-buildings, and 20, 21, 22, and 23, Cursitor-street, E.C., and the company's undertaking and assets, including uncalled capital, the amount of the present issue being £129,000. Trustees: Sir Donald Maclean, K.B.E., P.C., M.P., 46, Lincoln's-inn-fields, W.C., and A. Hutchison, 6, Stone-buildings, W.C.2.

THORNTON AND PEARSON (PRINTERS), LTD.—Mortgage dated May 12th, 1930, to secure all moneys due or to become due from the company to the Midland Bank, Ltd., charged on a mortgage of £4,000 secured upon Jowett Hall, Chapel-street, Bradford.

TYPECRAFT, LTD. (printers, etc., 120, Cheapside, E.C.)—Particulars filed of £1,500 debentures authorised April 30th, 1930, charged on the company's property, present and future, including uncalled capital, the whole amount being now issued.

JAMES POOL AND SONS, LTD. (wholesale and manufacturing stationers, etc., 11, Ludgate-hill, E.C.)—Debentures dated October 18th, 1898, charged on the company's undertaking and property, present and future, including uncalled capital, on which £5,000 was owing on November 1st, 1929. (Now registered pursuant to Section 91 of the Companies Act, 1929). Holders: J. Pool and R. W. Pool, 1-2, Joiners' Hall-buildings, E.C.2.

NORTHAMPTON MERCURY CO., LTD. (13, The Parade, Northampton).—Satisfaction to the extent of £60 on April 2nd, 1930, of "D" debentures authorised by resolutions of September 23rd, and December 23rd, 1911, and registered January 4th, 1912. (According to the register of mortgages, the "D" debentures registered January 4th, 1912, originally secured £1,500.)

WESTON-SUPER-MARE GAZETTE, LTD. (19, St. James-street, Weston-super-Mare).—Satisfaction in full on March 17th, 1930, of debentures authorised June 16th, 1924, and registered July 8th, 1924, securing £750.

YORKSHIRE PAPER MILLS, LTD.—Particulars filed on May 20th of £25,000 debentures authorised February 25th, 1930, charged on the company's undertaking and property, present and future, including uncalled capital, the amount of the present issue being £500.

Receivers Appointed or Released

LAZENBY, LTD. (advertising agents, etc., 57-59, Victoria-street, S.W.1).—F. C. Auld, of 24, Hanover-square, W.1, ceased to act as receiver or manager on June 3rd, 1929.

COMPETITORS' GUARDIAN, LTD.—W. F. Trow, C.A., of 4, Shalstone-road, Mortlake, was appointed receiver on May 13th, 1930, under powers contained in debenture dated January 10th, 1930.

From the London Gazette

THE BANKRUPTCY ACTS, 1914 AND 1926, RECEIVING ORDER.—F. T. Bates, printers' machine operator, late of 85, Beresford-road, Chingford; Ben Dawson, printer, trading as R. Howard, Grange Works, Yeadon.

PARTNERSHIP DISSOLVED.—T. A. Jackson and Herbert Stott, printers' engineers, Chapel-street, Bradford.

Bankruptcies

Re WILLIAM KELLY, printers' engineer and furnisher, Dean-street, Fetter-lane, E.C., and 16A, Walling-street, Walworth.—An application for an order of discharge was made on May 29th to Mr. Deputy Registrar Kean at the London Bankruptcy Court by this bankrupt, who failed in February with provable debts £1,322. The official receiver reported that the assets had realised £74, but a further £947 was likely to be recovered; the amount of the realisation and of the dividend likely to be declared was contingent on the result of an action which might be brought at the instance of Messrs. Asbern, a German firm of manufacturers, in respect of certain machines on the bankrupt's premises, which machines that firm contended were their personal property and did not form part of the bankrupt's estate. The discharge was granted subject to a suspension of three months.

A TEST TEAM

OF HIGHLY SKILLED CRAFTSMEN
IN LITHOGRAPHIC PRINTING
OF ALL DESCRIPTIONS IS

At Your Service

IN OUR **NEW PREMISES**

20, Farringdon Road
LONDON, E.C.1

COMMERCIAL	-	LABELS
COLOUR	-	PLANS & MAPS
CARTONS	-	POSTERS
CHEQUE FORMS	-	SHOWCARDS
CUT OUTS	-	TRANSPARENCIES

ENGRAVING AND COPPERPLATE
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WHITEMAN & BASS
(Lithographers) LTD.

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LONDON'S "TRADE" LITHOGRAPHERS

Cutting Slugs Automatically

An Interesting New Machine

Much interest having been aroused by the introduction of the Mohr Lino-Saw, a new device for cutting slugs on the Linotype and Intertype automatically, we are able to give here some particulars of the Mohr Lino-Saw which will be welcomed by a great many readers.

All printers know the inconvenience caused by broken-measure work. At rush periods there never seem to be enough hand-saws, however many are installed, and make-up men are forced to waste time waiting for a turn at the hand-saw when they ought to be making up the formes. This delay has worried owners and foremen for a long time, because they could never see any way to avoid it. Now, it is claimed, the problem has been solved.

HOW IT WORKS

Messrs. Funditor, Ltd., well known as the makers of the Electro Funditor electric metal-pot heater, are responsible for the introduction of the Mohr Lino-Saw. It is a most interesting device, and works very simply. It is fitted to the Linotype or Intertype machine, and is driven by a flexible shaft from a gear-box in the rear of the machine. No extra motor is needed. The Mohr Lino-Saw consists chiefly of a framework which holds the saw, a dial with micrometer readings, and other parts. As each slug is ejected it passes through the rapidly-moving saw-blade, and is cut in two. The dial is connected with the Mohr Lino-Saw parts in the vice cap, and on the face plate of the typecasting machine. Setting the dial, therefore, sets the vice-jaw and assembler to the same measure as the saw blade.

AUTOMATIC OPERATION

Whatever length the operator wants his line he sets the dial accordingly, and the slug, cut to its correct length, drops to its place in the galley. The waste piece is carried away automatically. There is no need for the operator to touch the vice-jaw or assembler, or the saw that cuts the slug. Slugs can be cut to any length.

Messrs. Funditor claim that the Mohr Lino-Saw will greatly simplify the production of broken-measure work, especially on magazines and catalogues. The old adage, that time saved is money gained, is doubly true to-day in the printing world. And as there is no other machine of its kind in the world, the Mohr Lino-Saw is likely to have a very good reception.

THE "MONOTYPE RECORDER."—Always a fine production, the *Monotype Recorder*, issued by the Lanston Monotype Corporation, has broken all its previous records with the latest special number, dedicated to the Federation of Master Printers, and entitled "The Printing Industry of Today and Tomorrow." This special number is given an added touch of distinction by the fact that it was designed by Mr. William Maxwell (president of the Federation), and was set, printed and bound under his direction at the printing house of R. and R. Clark, Ltd., Edinburgh, of which he is managing director. The cover is a beautiful piece of work, the design composed of 72-pt. thistle ornament, specially cut by Mr. Macdonald Gill, and cast on the Monotype Super Caster. The contents comprise special articles written by leading personalities of the world of print.

PREPAID ADVERTISEMENTS

The Minimum Charges for Three Lines, with an average of eight words to the line, for Advertisements under the headings given below are as follows (extra lines at proportionate rates):—

	Three Lines	
	s.	d.
Situations Wanted	1	6
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The following are the rates for Advertisements classified as under:—

	Per Line	
	s.	d.
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Replies may be addressed to Box Numbers. Offices of this journal for which a fee of 6d. is charged to cover postage of replies.

Annual Subscription (post free) 17s. 6d.

Cheques and Post Office Orders to be crossed and made payable to STONHILL & GILLIS, Ltd., 58, Shoe Lane, London, E.C.4

Telegrams: STONHILL, LUD, LONDON Telephone: 2439 HOLBORN

SITUATIONS VACANT

MACHINIST for "C" type of Cossar press for Southern Rhodesia; only capable men need apply.—Box 15464.

MACHINERY FOR SALE

NUMBERING MACHINES, Hand and Forme; half-price; new.—Marston, 69, Wightman Road, London, N.4 15442

TENDERS

H.M. STATIONERY OFFICE

TENDERS to be delivered before noon on Wednesday, 18th June, 1930, are invited from firms with London Works for certain Bookwork Printing for the Public Service—Group 331.

For Particulars apply to the Controller, H.M. Stationery Office, Westminster, S.W.1.

MISCELLANEOUS

WANTED, on lease, about 40,000 sq. ft. of accommodation, suitable for storage of stationery and printed forms; must be within 10 miles of Charing Cross, preferably south of Thames—Particulars to Director of Lands and Accommodation, H.M. Office of Works, King Charles Street, S.W.1 15465

LOOSE LEAF METALS

FOR STATIONERY AND BOOKBINDING TRADES

We manufacture Loose Leaf Metals of every description. Send us your specification or - sample—We will quote. -

BARR ENGINEERS LIMITED

49, Bunhill Row, London, E.C.1.

QUICK-REF. SERVICE INDEX

ADVERTISING PRINTERS

Expert Typography for Printers
LANGLEY'S
 OFFER A FIRST CLASS SERVICE
 LAYOUTS AND SETTINGS
 4, 6 & 8 Euston Buildings, London, N.W.1

BLOCKMAKERS

High-class illustrations.
Consult the
BRISTOL PHOTO-ENGRAVING CO. LTD.
 35, BROAD ST, BRISTOL.
 FOR URGENT ENQUIRIES PHONE 7666.

AVERYS DAY AND NIGHT
 BLOCKMAKERS
 37-41 LOWER MARSH, WATERLOO, S.E.1
 PHONE: HOP 4027 (3 Lines)
 AVERYS SERVICE LTD.

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 ENGRAVING CO., LTD.
 12 & 14 FARRINGTON AVE. E.C.4. or CENTRAL 7416 - 7417
GOOD SERVICE

COMMERCIAL ARTISTS
 AND
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 (Managing Director: F. R. S. PERRY)

Process Blocks of Every Description

38, FARRINGTON STREET, LONDON, E.C.4
 Phone Central 1086 Established 1882

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THE GOLD INK Specialists
H. E. W. Johnson Ltd.
 12, Johnson's Court, Fleet Street,
 LONDON, E.C.4
 Phone: Central 2231.
 Telegrams: Instarred, Fleet, London.

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PRESS CUTTING AND GENERAL
 ADVERTISING AGENCY

WOOLGAR & ROBERTS

1, Dorset Buildings, Salisbury Square, E.C.4

INFORMATION on any subject at
 SUPPLIED the lowest possible terms

All orders executed by a thorough practical Staff.
 Editors are specially invited to give this Agency a trial.
 Terms on application.

PRINTERS' VALUERS

EDWIN W. EVANS

Auctioneer and Valuer

TO THE PRINTING AND
 ALLIED TRADES

"Chronicle" House, 72-78, Fleet St.
 London, E.C.4

Telephone: Central 8878.

Telegrams: "Printauct, Fleet, London"

Fire Loss Assessor—Newspaper Valuer—Rating Surveyor

STITCHING MACHINES

AUG. BREHMER'S (British Successor) LIMITED

" Wire Stitches - Folders
 " Thread Book Sewing Machines
 " Thread Stitchers, Etc., Etc.

12, CITY ROAD, LONDON, E.C.1

TRADE TYPESETTERS

COMPS LTD.

15, Kirby St., Charles St.,
 Tel. Holborn 2253 E.C.1

SPECIMEN BOOKLET ON REQUEST

for **TRADE LINO**

Contractors for the past Sixty years to H.M. Printing Offices,
Hon. Board of Inland Revenue and the Printing Trade generally



Registered Trade Mark

Established 1868

KNOWN THROUGHOUT THE WORLD FOR
THE PAST SIXTY YEARS FOR QUALITY

Rollers

for every class of Letterpress Printing on every
description of Machine. - *Price List on request.*
We have the largest and most up-to-date Roller
Casting Plant in the Kingdom.

Compositions

for Home & Export, to suit all climates and conditions.
Remeltable many times. - - - - Easy casting.
None but the finest and most suitable materials used.
Look for the Trade Mark, as above, on every slab.
Obtainable from all Importing Houses.

"The Durable" Printers' Roller Co. Ltd

14 CHARLES ST., HATTON GARDEN, LONDON, E.C.1

Lt.-Col. E. L. MARLER

Managing Director

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FOR REPEAT ORDERS
FOUR
VOLUME
NEW SERIES
Stock Millingtons
TOTTENHAM,
LONDON, N.15

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BRITISH & COLONIAL PRINTER AND STATIONER, JUNE 12, 1930

JUN 25 1930

MONOTYPE" IS A WORD WHICH SELLS PRINTING !

Stock Millingtons' Envelopes
"BASILDON" BRAND
FOR REPEAT ORDERS
CROWN WORKS,
TOTTENHAM,
LONDON, N.15

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 85

LONDON: JUNE 12, 1930

EVERY THURSDAY
PRICE THREEPENCE

Cost-finding means WASTE-finding!

Find what you are *wasting* on "dead" type, distribution, making ready worn type, holding up a machine for corrections, replacing rules . . .

And you will find what you *must save* with the "Monotype." You know the "Monotype" does better-quality work; but do you realize how little that work costs you?

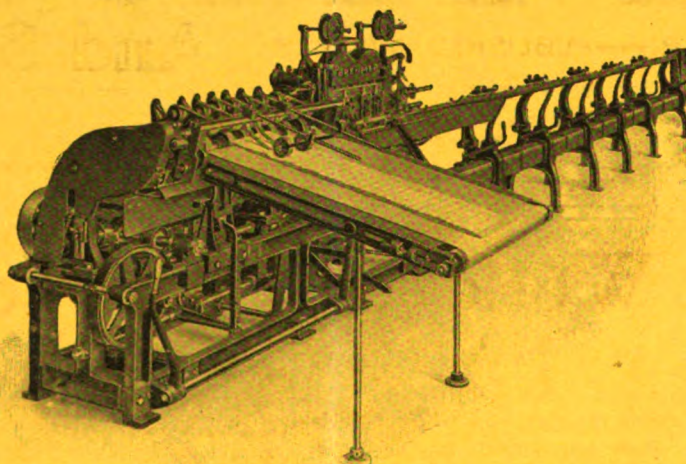
THE LANSTON
MONOTYPE
CORPORATION LTD
43 Fetter Lane, London, E.C.

It's not a fully equipped factory without—

“BREHMER”

STITCHING MACHINERY

The No. 135 Feeder Wire Stitcher for collating and saddle wire stitching Pamphlets, Exercise Books, Magazines and Periodicals, will be found a most rational proposition for all binderies which have considerable quantities of work involving collating and saddle stitching; working at enormous speeds it performs much more quickly and inexpensively, work, which if produced by hand labour is not only tedious but very costly.



The machine handles a range of work, from 6" x 3" up to 27" x 12", and can operate with two to six Wire heads, making use of either two to eight Stations. A good feature of this machine is the fact that stitches can be staggered in successive booklets to obviate back swell and consequent difficulties on the trimming machines. The machine is fitted with a very efficient Packer from which the work can be simply and instantaneously removed.

BREHMER'S No. 135 FEEDER WIRE STITCHER

BREHMER'S No. 4a. "UNIVERSAL" WIRE STITCHING MACHINE



works with round wire from the reel, producing its own staples, and stitching from two sheets of paper up to a maximum thickness of 7/8"—it is suitable for stitching Pamphlets, Magazines and Pads, and uses round wires 20 to 30. The staples may be inserted through the fold with the staple legs clenched inside or outside, or they may be inserted through the side of pads. The machine has two Wire heads, one for thin work, and one for thick work, and operates at any speed up to 150 stitches per minute, fitted with Quick Change Wire Feeding Mechanism.

BREHMER'S No. 103 "RAPID" WIRE STITCHING MACHINE . . .

will stitch any thickness from two sheets up to 1" of hardest paper without difficulty—noted for the single adjustment device, one Hand Wheel, the turning of which automatically regulates the Wire Feeding, Staple Forming, and Clenching Mechanisms.

This machine will stitch either through the side of the work or through the fold with the staples clenched inside. The machine uses round wires and also narrow flat wires, and is capable of operating at any speed from 125 to 250 stitches per minute.



These machines are most strongly constructed—a factor which guarantees durability, and enables high working speed without causing breakages and spoilage of work.

AUG. BREHMER'S (BRITISH) SUCCESSOR, LTD.
12, CITY ROAD, ————— LONDON, E.C.1

Telephone : CLERKENWELL 0781-2

Telegrams : PAPYRUS FINSQUARE LONDON

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 85

LONDON: JUNE 12, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THE holiday break has been a welcome relief from slack business for many printers and especially in those places in the North where opportunity has been taken to make Whit-week the works holiday.

* * *

HOLIDAY PAYMENT

IN these slack times, payment for holiday week constitutes an apparent burden, though in practice the cost is recovered in charges. If holidays were not paid for, the net result would probably be the same; a bit more price-cutting would be permissible and year's cost would be divided by fifty-two instead of fifty. To our mind the Hours and Holidays Agreement stands as the finest achievement of negotiation in the annals of the allied industry. It may be taken for granted nowadays in a very commonplace way; but if a little studious reflection is indulged in by those who enjoy the privilege of a paid holiday, they will realise that industrial statesmanship of a high order was registered to their advantage in that promising period following the termination of the War.

* * *

"PATCHY" TRADE

NO improvement is recorded in trade, and a deal of short time is being adopted in offices in many towns. On all sides the condition seems similar, "patchiness" being the chief characteristic. There

are occasional spasms of hectic rush and bustle followed by periods of slackness. Such a state of trade is calculated to cause irritation and dissatisfaction, which is precisely what happens to be the prevailing note in many quarters.

* * *

TYPES AND SERVICE

NEULAND, as a type-face, looks as though its day is approaching a close. The modern printer must have Metropolis or some such successor in equal boldness and strength. He must have Gill Sans, Cable or Erbar if he is going to be of any use to the present-day advertising agent or the publicity manager whose matter must have the latest look in it. The poor printer is by way of becoming a slave to fashion and service. If he installs Gill Sans, there is the faddist and self-styled expert who will quibble about the oblique cut of certain letters in Cable or the difference in strength of Erbar. It is a costly and difficult job to satisfy the too up-to-date buyer of printing. Some printers do not attempt it; others do. Whoever is the better off in the long run depends upon many factors. But we do think that the busiest printers in these hard times are those who sacrifice some of their own ideas and go out to give service, even if it involves expenditure on type-faces destined to live

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but for the span of a very ephemeral vogue.

* * *

DEEP-ETCHED PLATES

OFFSET printers who know their job are watching closely the progress that is being made in deep etching. The difficulty of getting a really long run out of their zinc plates has always placed them at a disadvantage with the letterpress printer, who normally gets twice the number of runs from ordinary stereotypes and a great deal more from faced stereotypes or electros. Already it has been proved possible for the offset printer to nearly double the potential life of a zinc plate, and there is still further progress to be made.

Printing Trade Wedding

There was a large congregation at the Wesleyan Church, Golders Green, on Saturday last, when Miss Marjorie Griffiths (younger daughter of Mr. J. Griffiths, a director of the Cornwall Press, Ltd.) was married to Mr. Edwin Horace White. The company present at the church and at the reception given afterwards at King Edward's Hall, Church End, Finchley, included a number of representatives of the staffs of the Cornwall Press, Ltd., and of Messrs. Iliffe and Sons, Ltd., and among the numerous and handsome presents was one from the Cornwall Press Social and Athletic Club (at the functions of which the bride, who possesses a beautiful soprano voice, frequently has given her services), as well as one from the Cornwall Press Office Staff.

Federation of Master Printers

THE programme of the F.M.P. Annual Meetings at Edinburgh last week, concluded on Wednesday, June 4th, when there was a special steamer excursion on the Firth of Clyde. The party travelled by rail to Craigen-doran, where they embarked on the steamer "Waverley" and, during the trip, sailed through the Kyles of Bute, and many beautiful lochs.

In the evening at Edinburgh, there was an informal dance, during which Mrs. Maxwell invested Mr. A. J. Bonwick with the presidential insignia of office, and Mrs. Bonwick invested Mr. H. G. Clarke with the badge of the vice-presidency of the Federation.

L. & B. Ink Factory Visited

Forty-six students of the "Sons of Employers Class" attending the London School of Printing enjoyed an instructive and pleasant outing the other day, when they were taken from their headquarters by motor coach to the Eclipse Works of Messrs. Lorilleux and Bolton, Ltd., at Tottenham, for the purpose of seeing the different processes of printing ink making. The students were divided into groups, and conducted through the various departments. Explanations were freely given by the guides, and altogether the visit proved exceedingly interesting.

At the conclusion of the inspection the party were entertained to tea, and a cordial vote of thanks was heartily extended to the firm by the students. Mr. Kenneth Bolton briefly replied on behalf of the firm.

Personalia

Mr. A. S. Fuller, a director of Daily Mirror Newspapers, Ltd., has been appointed a director of Northcliffe Newspapers, Ltd.

Mr. George W. Jones, who was a distinguished visitor at the F.M.P. annual gatherings in Edinburgh last week, is well acquainted with that City, having at one time resided there for eighteen months, and he is extremely well acquainted with all the surrounding beauty spots, many of which are, of course, famous for their historical associations.

Mr. W. V. Rivers, one of the few remaining individual newspaper proprietors in the country, has received a shower of congratulations on the 3,000th number of his paper, the "Reading Standard," which occupies a leading position in the vast district for which it caters.

Sir Basil Blackett, chairman of Imperial and International Communications, Ltd., in an address to the Imperial Press Conference at the week-end, said that soon we shall have simultaneous transmission of newspapers to the Dominions; already a whole page of "The Times" had been transmitted experimentally across the Atlantic in half an hour.

Mr. Gordon Robbins, chairman of the Council of the Newspaper Press Fund, was handed £900 as a result of a greyhound race meeting held in aid of the fund by the directors of the Greyhound Racing Association at the White City on Monday.

Mr. Robbins on the same occasion presented to the winners the cups given by the "Daily Mail," "News of the World," and Mr. W. J. Smith.

Mr. R. M. Kirkwood, the editor of the "Scottish Hardware and Ironmongery Review," has been elected president of the Ironmongers' Federated Association.

Mr. F. L. Johnson, of the editorial staff of the "North-Eastern Daily Gazette," has been presented by his colleagues with a gold watch on leaving to take up the editorship of the "Leicester Mail."

Mr. C. R. Rhodes, who for 35 years has been a member of the reading room staff of the "Yorkshire Post," has been presented by the staff with a mahogany clock on leaving to become chief reader of the Manchester edition of the "Daily Herald."

Mr. William Hewitson, a member of the editorial staff of the "Bury Times," has retired after 44 years' service on that paper and a total service of 62 years on newspaper work.

Councillor W. S. Ashton, of Blackpool, president of the United Commercial Travellers' Association, speaking at the conference at Blackpool on Monday, said: "The old motto, 'Early to bed and early to rise,' is not worth a d— if you don't advertise."

CAPTAIN SMITH'S "General History of Virginia," printed in London, 1624, was bought for £1,400 at the Hornby Castle library sale at Sothebys.



THE ART OF THE BOOK

The recent exhibition of Finely Printed Books entirely composed on the Linotype has definitely proved, if proof was wanting, that the machine enables printers of the finest books to obtain a quality of work equal to the best

*The Quality of
Linotype Bookwork Equals
Its Economy*

LINOTYPE & MACHINERY LTD

NINE KINGSWAY, LONDON, W.C.2

"Natsopa's" Eventful Story

Forty Years of Trade Unionism

Just over forty years ago—in 1889—a number of London printing trade labourers, probably inspired by the great Dock Strike proceeding at the time, decided to ask for an increase in wages. The demand was refused by the firm concerned, and the direct result of that refusal was the birth of a new union, ultimately to be known as the National Society of Operative Printers and Assistants, and the dawn of a new era in the conditions under which printing machine assistants toiled.



MR. GEORGE A. ISAACS,
J.P., M.P.

General Secretary of "Natsopa"

That was the commencement of "Natsopa's" eventful history, a record of which, from the beginning to the present day, has just been published, written by Mr. R. B. Suthers, the well-known journalist, with the title "The Story of Natsopa."

Mr. Suthers has divided his story into four parts, describing the four decades of Natsopa's existence.

In simple, effective phrases, marked by reasonableness and freedom from prejudice, he traces the progress of Natsopa from those early days when the "printer's labourer" worked under terrible conditions for wages that varied from 12s. to 14s. a week for an average of 54 hours' labour to the present time, when the sweat shops, and all the evils pertaining to them, have been abolished and men and women work under decent conditions for an adequate wage.

EARLY DIFFICULTIES

Mr. Suthers graphically sets forth the tremendous odds which the early Natsopa workers had to face—vigorous opposition from the employing class, attempts at introducing "blackleg" labour, trouble in their own ranks, and many other discouragements. And yet, by the end of the second decade, in 1909, with a membership which had already grown to 4,200, Natsopa was in a sound and healthy condition. It had established its position as a national organisation and had added to its strength by linking up with the T.U.C., the Printing and Kindred Trades Federation and other organisations.

THE WAR PERIOD

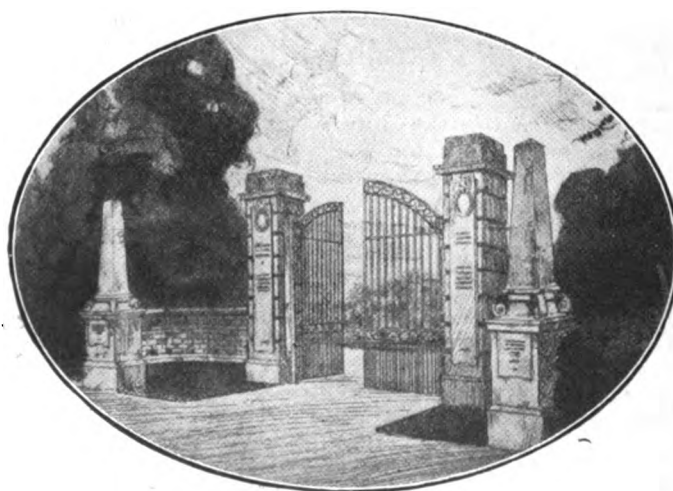
The third decade, in its early stages, saw the printing trade in a state of agitation. The question of working hours was boiling up, and in 1910 the negotiations between the national Printing and Allied Trades Federation and the Federation of Master Printers led to a deadlock. Then, in 1914, the Great War broke out and, during the next few years, took its toll of Natsopa members, while the war period was not devoid of friction in the Capital and Labour camps of the printing industry.

The fourth period brings the history of the Society up to the present time. At the outset it was marked by a big increase in membership; in January, 1920, the number was 15,755, and by December it had risen to 19,955, an increase of 4,200. The same year was marked by another important event—the opening by Lord Northcliffe of the Natsopa Memorial Home. Then shortly afterwards came the trade slump, which taxed Natsopa and all other organisations and the whole of industry to the utmost limit. Drastic wage reductions were proposed by the employers, but these were rejected by Natsopa, in company with other unions in the Federation. A long struggle ensued, and it was not until the spring of 1923 that matters were finally put straight.

THE GENERAL STRIKE

Events progressed more or less smoothly until 1926, the year of the General Strike, when Natsopa was called upon to endure an acid test of its loyalty to the principles of trades unionism. The year 1927 was also a difficult one, but in 1928 the work of restoration and consolidation showed progress, and last year, it will be recalled, the Society jubilantly celebrated its 40th anniversary by a memorable dinner at Holborn Restaurant.

As one looks back over those forty years, it hardly seems credible that so tremendous an advance could

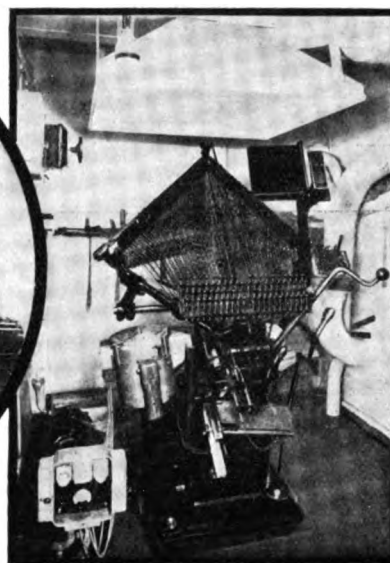
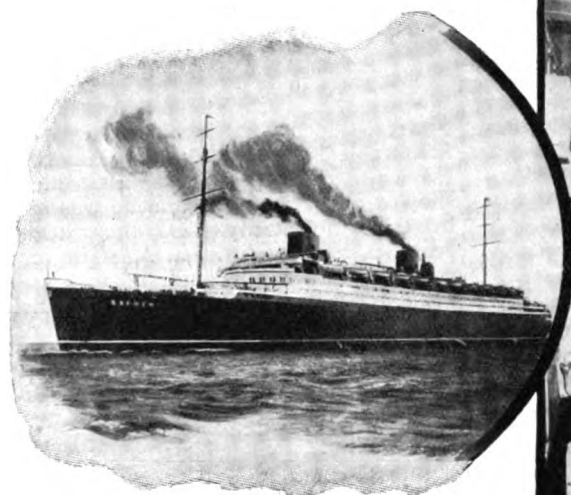


MEMORIAL GATES OF THE "NATSOPA" MEMORIAL HOME

have been made in such a comparatively short period. It is impossible to think of those pioneers who fought so nobly and with utter self-sacrifice for the betterment of conditions in their branch of the industry—Frederick Quinn, Edwin S. R. Smith, James Keep, A. Bispham, George Cullen, Harry Cook, J. B. Sullivan and George Isaacs, the present life-source of the Society—to mention but a few of them, without realising that they have indeed earned a place amongst trade union immortals.

The older members have, by their sacrifice, paved the way for the present generation, who cannot possibly

THE SPEED RECORD



for the Atlantic Trip has changed hands and is now held by the s.s. "EUROPA." The breaking of records is not due to chance but to careful planning and thought, to careful conception on the part of the brain, and exact and painstaking execution on the part of hands and the machinery. Into the making and building of a ship goes the experience of all the ages since ships were built, and into their equipment goes all the specialised experience and knowledge that has accrued in each department that has to be considered. One can imagine that when ships such as the "EUROPA," the "BREMEN," the "BERENGARIA" and the "MAURETANIA" are built, not only their lines but their equipment are studied with the greatest care.

It is not to be wondered at, then, that the "EUROPA," the winner of the blue riband of the Atlantic Trip, is equipped with a Typograph Composing and Line Casting Machine—not because it is most expensive, but because of its greater efficiency, has it been chosen, and the machine that will stand up to the hard usage and the many and varied requirements that are demanded from a machine installed in a ship at sea must surely be an excellent testimonial and a guarantee that it will stand up to similar conditions ashore.

*For hard work—for good work—for quick work, install a **TYPOGRAPH***

FRANK F. PERSHKE, LTD.

NORFOLK HOUSE, NORFOLK STREET, STRAND, W.C.2
AND AT MANCHESTER, BIRMINGHAM AND DUBLIN
Works: BALHAM, S.W.17

Telephone: TEMPLE BAR 8613

"The Typograph casts the best slug in the shortest time by the simplest method."

realise the extent of that sacrifice and toil, but, in the words of Mr. Suthers, "the younger members entering into a status almost unimaginably greater than that of the pioneers, will surely be inspired to conserve and

extend this instrument of their freedom and to realise some of those dreams which the general secretary is still young enough to weave in his spare moments."

The Golden Age for Natsopa is yet to come.

American Printers and their Work

Mr. J. R. Riddell Addresses P.M. & O.A.

An instructive "Chat About American Printers and their Work," given by Mr. J. R. Riddell (principal of the London School of Printing) was the chief attrac-



MR. J. R. RIDDELL

tion at the June meeting, last week, of the Printers' Managers and Overseers (Parent) Association. In the chair was Mr. A. T. Walters (president), who was supported by the vice-president and other officers, there being also a good attendance of members.

The preliminary business included the election of three candidates for membership, namely: Mr. A. C. Hoare (Messrs. Smith and Young, Emerson Street, S.E.1; overseer, letterpress dept.); Mr. G. W. Smith (Messrs. B. Dellagana and Co., Ltd., Farringdon Avenue, E.C.4; manager, composing and service Dept.); Mr. R. N. Stephenson (*Malay Mail*, Kuala Lumpur, Federated Malay States; works manager). These were given a hearty reception, as were also two visiting members present, Mr. J. D. Davis, of Ipswich, and Mr. G. Low, a past-president of the North Midlands Centre of the P.M. & O.A.

In introducing the speaker of the evening, the president spoke appreciatively of Mr. Riddell's fulfilling this engagement, in spite of indifferent health, and also mentioned that Mr. Riddell is a member of the Association.

Mr. Riddell proceeded to give, in chatty style, an informative account of his recent tour in the United States and Canada. He said that this had involved travelling some 13,000 miles, making 24 speeches, and

paying 235 visits to places of special interest, such as workshops, associations and schools.

Mr. Riddell has evidently carried away many favourable impressions of the Americans as a people. He was struck by the brightness and happiness they showed on every hand, and he was quite overpowered by their hospitality. Of the alleged "hustle" of America he saw little, at least in respect of the use of human energy, though he was amazed at the inordinate desire for change and distraction. That America as a whole is industrially prosperous was the general impression everywhere conveyed.

PRINTERS' ASSOCIATIONS

Going on to speak of associations in the printing industry, Mr. Riddell naturally mentioned first the United Typothetae of America, the very influential body that represents the employing printers. He mentioned the fact that the U.T.A. does not concern itself with labour problems, as does the corresponding organisation in this country, but he went on to emphasise the large amount of educational and similar work which the Typothetae carries out for the benefit of its members and the trade in general.

He pointed out the difference between the position occupied by the printing trade unions as compared with those in this country, remarking that the unions over there had not the same hold as the unions in this country. He was particularly struck by the great interest they are showing in the technical education of their members, a matter which is of special importance, in view of the absence there of a recognised apprenticeship system.

Mr. Riddell also referred to the good and enthusiastic work of the Association of Printing House Craftsmen, which he compared to the P.M. & O.A., and said that that association was responsible for the printing exhibitions held in the States.

EQUIPMENT AND PRODUCTION

In respect of the workshops in the States, the great thing that struck Mr. Riddell was the high state of organisation that so many of them displayed. He said that the best brains were brought to bear upon the building, the layout, and the management. An outstanding feature was the adoption and effectiveness of air-conditioning plants, which had a great deal to do with the comfort of the workpeople and the efficiency of the industry. Mr. Riddell said that, though climatic conditions were somewhat different over here, he thought a simple form of such apparatus might well be widely adopted in this country.

The production achieved was, he said, much higher than ours—over 25 per cent. more. He thought this was mainly due to the spirit of the workpeople, who seemed out to make the best of themselves and their jobs. Each man wanted to beat the efforts of his colleagues. Conditions were very different from ours.

(Continued on page 578).

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Commercial Bookbinding

By JAS. A. ESLER

X.—GOLD BLOCKING AND BLOCKING PRESSES

Blocking is the application by pressure and heat of real gold, imitation gold, ink, or coloured foils, etc., to the completed case, or other material which the bookbinder may be called upon to use. Blocking is actually the mechanical counterpart of hand tooling, but differing in a number of important details: the area which can be decorated in one impression is very considerably larger, and the speed at which the impressions can be made has no comparison with hand work. To get perfect results when blocking, the operator must have a good general knowledge of the materials to be blocked, must have an adhesive suited to the medium being used, and must possess a thorough understanding of his press, its limitations and possibilities. Excellent results can be obtained on hand presses, provided preparation and setting have been carried out with care.

Cloth cases are the subject immediately under consideration, and so we will deal with these at once.

BLOCKING CLOTH CASES

Real gold leaf is not used so generally to-day as was the custom a few years ago. There are many excellent substitutes for gold available, which will keep their colour for quite a long period. It is a fact, however, with which the blocker is familiar that certain coloured materials will tarnish any substitute; and in cases where this material is being blocked, real gold or a protective medium will be used if satisfaction is to be secured. The preparation necessary for blocking with most "foils" as they are termed, will usually be a simple wash of glair. Certain other foils require no preparation of any kind, being self-adhesive, while others may call for a strong preparation like Young's patent size, or a dilute glue wash.

It must be particularly borne in mind when preparing any material for blocking that, whatever mixture is used for washing the case, it should only be used at that strength which will cause effective adhesion. If used beyond this strength, the heat between the lines on the blocking brass will cause the foil to hold, and the "cleaning off" process will be doubly tedious, expensive, and unsatisfactory.

SETTING UP

Binders' blocking brasses are usually $\frac{1}{4}$ in. high, and are attached to the top plate in the press with suitable adhesive. It should be the blocker's object with all

jobs to get the blocking piece as central on the plate as possible, so that pressure shall be even and that the machine shall not be subjected to strain.

The brass block, properly cleaned, has a piece of stout brown paper glued to its back (most blocks come from the blockmaker scored on the back for this reason); good stout glue or fish glue may be used for this purpose; the waste backing is trimmed off and the brass is ready for use. A board large enough to accommodate the case to be blocked is procured, upon which is laid the case itself with front and side stops for "lay"; these are simply strips of board glued on.

The blocking piece is now placed on a spare case in correct position, being glued over the back with stout glue, Fig. 1. In this position it is introduced into the machine and so adjusted that the brass is in a central position. The press, having been previously adjusted for pressure before the application of the glue to the block, is now gently lowered and contact established. The pressure is allowed to remain for a few moments until the brass has "gripped" the plate. Afterwards the press is raised, and the gauge with case thereon

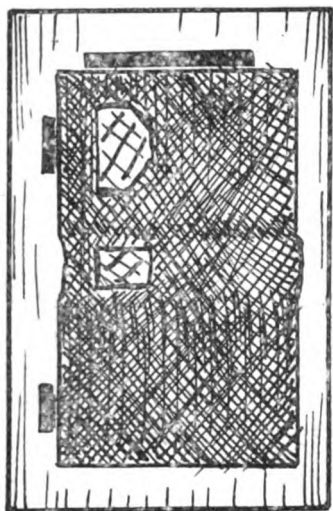


FIG. 1.—CASE SET TO "LAYS"

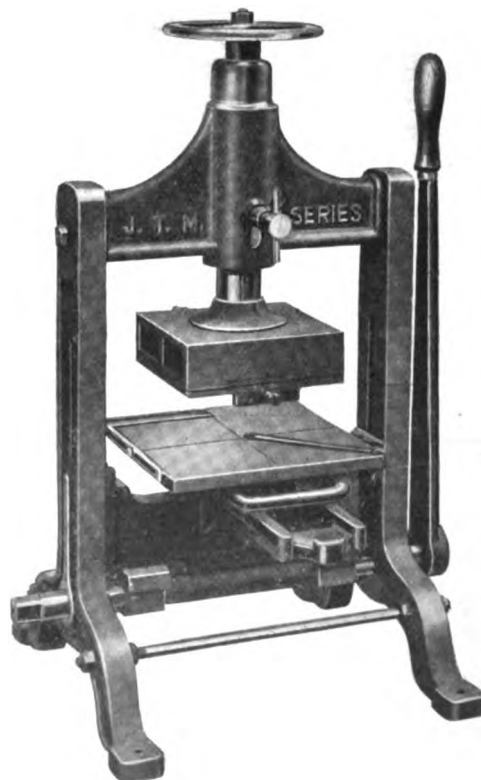
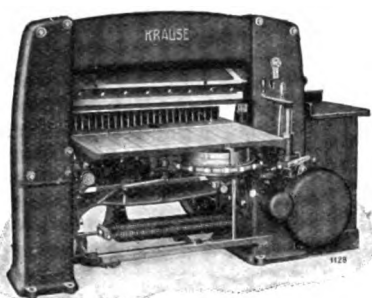


FIG. 2.—"MARSHALL" BENCH BLOCKING PRESS

withdrawn. The gauge is fed to the metal gauges on the bed of the machine, and any subsequent case will, when fed to this setting, be found to register identically.

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This description refers particularly to hand presses. The same principle, however, applies to power machines—with this modification: the gauge or "force" is a permanent fixture glued to the bed of the machine in correct position, and as the "bed" comes forward to the operator he withdraws the blocked case with the left hand and feeds another with his right.

BLOCKING PRESSES

As has been indicated, excellent work can be produced with hand presses. Of these there is a wide range from which to make a selection. The "Marshall" bench blocking press, Fig. 2 (John T.

a pressure of at least 110 tons. The table movement is entirely automatic, and is effected by special cam action and register guides, ensuring perfectly smooth even running and dead accurate impression. The press is double-gear, has latest-style friction clutch with treadle starting, and will make up to 700 impressions per hour when running continuously. However, if desired a simple adjustment will enable the press to be stopped automatically whilst the material is under pressure or after each impression when the table has reached its outward position. In case of emergency, the machine can also be instantly stopped in any posi-

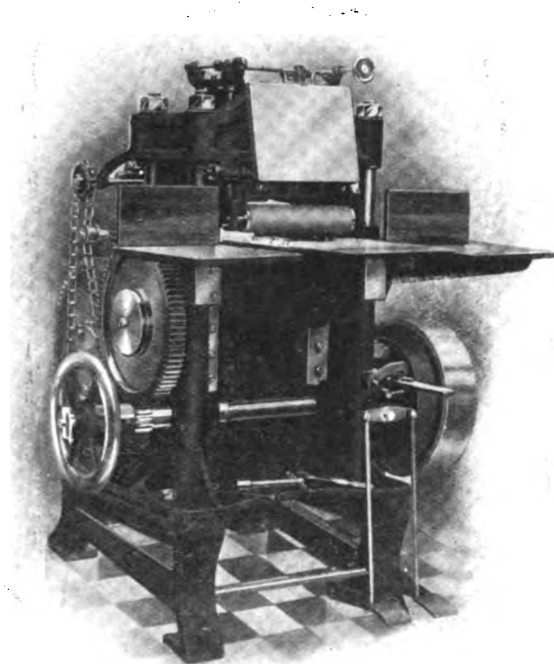


FIG. 3.—THE "BEATRICE" BLOCKER

Marshall, Goswell Road, E.C.), is a handy little machine capable of high-class work. It has a blocking surface of 7½ in. x 6½ in., the rise and fall of the table being adjusted to requirements. The head is adjusted by means of the hand wheel on top, which can be locked when adjustment is correct. The machine is gas heated, and will reach blocking heat in fifteen minutes. The bench space required is 26 in. x 22 in.

The New Model "Beatrice" Blocker, Fig. 3 (Messrs. William Jackson, Clerkenwell, E.C.), is a very popular power press for gold, ink and blind work. This is an extremely powerful machine, embodying many new features giving advantages over the former models. The chain drive for inking has been discarded and the inking attachment remodelled, the result of which is perfect ink and gold impressions. The standard No. 2 machine has a blocking surface of 12 in. x 10 in. and the bottom table area is 13½ in. x 11½ in.; the No. 3 machine has a blocking surface of 18 in. x 14 in. with bottom table 20 in. x 16 in.

The "Krause" four-pillar power blocking press, Fig. 4 (Messrs. Henry Boyce and Co.), is a very powerful press of entirely new design, strongly built with four wrought-iron uprights and capable of exerting

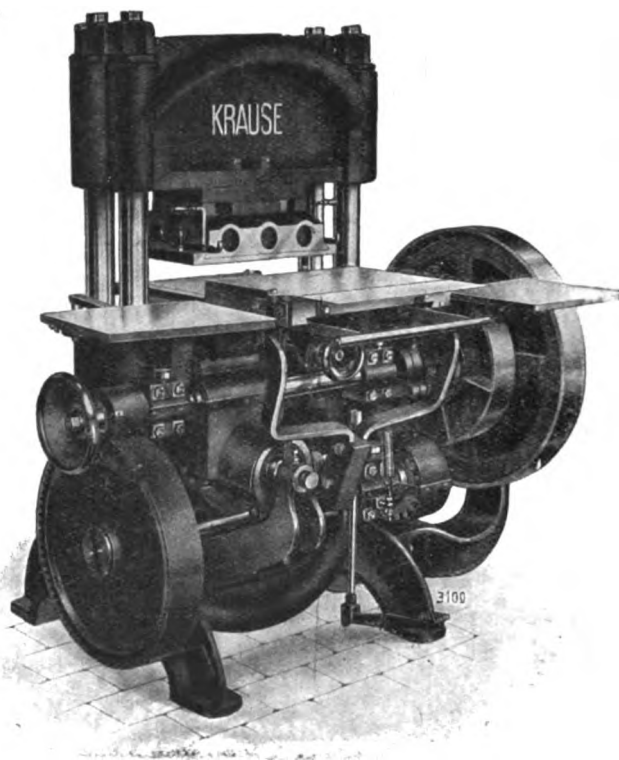


FIG. 4.—"KRAUSE" BLOCKER AND EMBOSSE

tion by hand lever. This machine has a blocking surface 13 in. x 17 in., and the size of the table is 13 in. x 19½ in.

The Sheridan 5AB bookbinder's press, Fig. 5 (Messrs. Sheridan Machinery Co., Ltd.), has enormous weight and power, and is adaptable for all classes of stamping and embossing. The absolute uniformity of pressure obtained by means of the triple construction and the attention to detail ensures absolute accuracy. The enormous pressure of 250 tons is easily obtained on the full 27½ in. x 22 in. embossing surface, this tremendous power bringing out the finest details.

The cam is so constructed that the dwell is fully 30 per cent. of its revolution, thus holding the material against the die until the impression is properly set. Twelve to eighteen impressions per minute with a smooth, easy motion is practical on this machine.

The Sheridan No. 11B Press Inker, Fig. 6, is designed primarily for heavy work and averages 17 impressions per minute; will block work 22 in. x 20 in. Another Sheridan press, the 3A, has a speed of 25 impressions per minute; the area of the head is 18 in. x 14 in., and the bed is 19½ in. x 14 in., giving a good range for most general commercial work.

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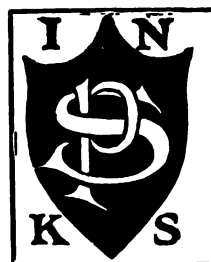
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ROLL FEED ATTACHMENT

This is an arrangement which practically cuts out the need for "laying on" gold leaf on the material to be blocked. It is the most important advance in the gold blocking section that has taken place in recent years.

The principle involved bears a very decided resemblance to that in use in roll-film cameras, except that

effective results as ink blocking when it is necessary to resort to this process.

While the roll feed has many advantages in that no laying on is required and practically no cleaning off and that "menders" are very few indeed, it has one drawback. There are still a number of cases which are blocked with titles in gold and blind borders all round. It is not possible with the ordinary attachment to block the gold and the blind in one impression. As the roll is drawn right across the blocks, which are attached to the top plate, it follows that when contact is made with the roll in between, whatever portion of the block is above must make an impression on the article to be blocked below. The result of which would be that the title, and the lines which are intended to be "blind" corresponding with the depth of the title, would be impressed in gold. It follows, therefore, that in cases of this kind the gold will form one working and the blind will require to be "run through" a second time. Even under these circumstances there is a decided advantage in the "attachment,"

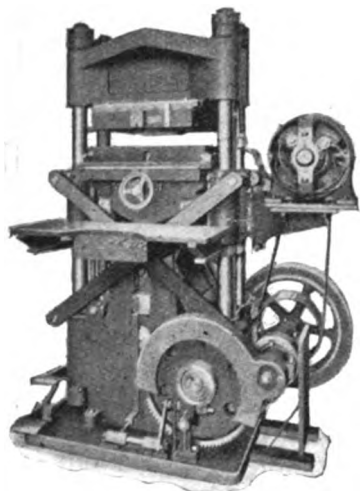


FIG. 5.—SHERIDAN PRESS 5AB

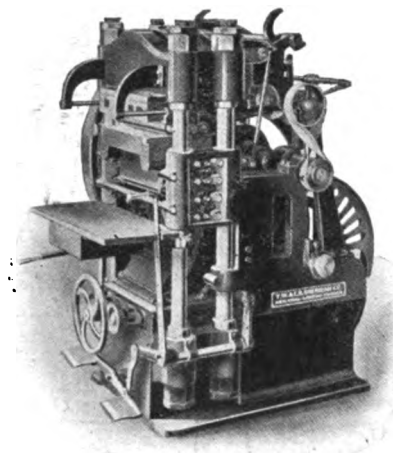


FIG. 6.—SHERIDAN PRESS INKER 11B

in the case of the blocking process the movement of the roll is automatic. Gold leaf and gold substitutes can be used, and these are supplied in rolls of any desired width and in lengths varying from 95 feet to 300 feet. The roll is built round a hollow cardboard roller which can be fitted on a horizontal spindle in front of the machine. The end of the roll is drawn under the brass block and engaged in a set of rollers which are actuated by a lever when the press rises from the article being blocked.

The rollers rotate just far enough to draw the blocked portion of the leaf free of the block, and ready to receive a fresh impression when the press comes up again. There is no waste, as only the actual width of the block is pulled forward after each impression, and the blocker will arrange that the cross measurement is just correct to cover the block. The distance drawn is not confined to one block or one roll on the same job; where two or three sets of varying widths are in use, the attachment can be regulated to draw each roll independently so that each draw is definitely correct in distance required.

This accessory to the blocking press can be fitted to hand or power presses. Fig. 7 shows the method suited to a hand press. The Sheridan Machinery Co. three-draw attachment for power presses is accurate and dependable.

No preparation is required when using the roll feed method, and "cleaning off" is reduced to a minimum. It can hardly be said that "cleaning off" is not required, as in most instances a slight fuzziness is suggested round the impression; however, one rub with a piece of rag leaves the impression clean and clear. It is of particular interest that, as far as "skewings" are concerned, again there is no waste.

This method of blocking from the roll can now be done in various coloured pigments, and it is a debatable point whether these coloured foils will not give as

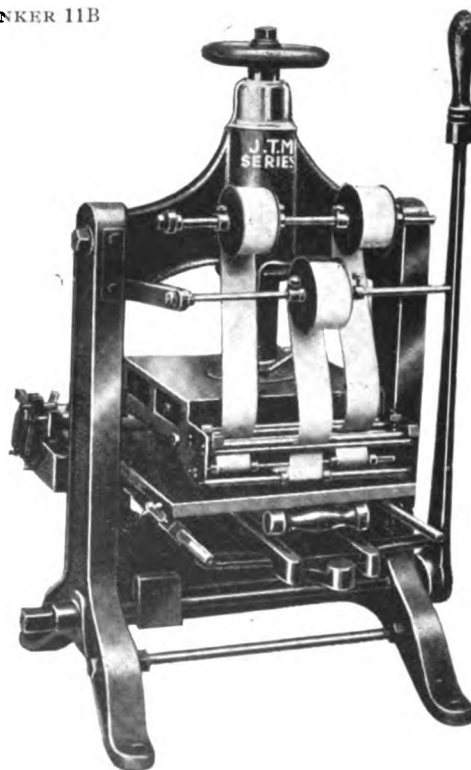


FIG. 7.—"MARSHALL" PRESS FITTED WITH THREE-DRAW ATTACHMENT

and the writer may have something to say at some future date about overcoming this difficulty.

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Costing in the Bindery

By WILLIAM ST. CLAIR WILSON*

It might appear to be quite unnecessary at this late date even to suggest the need of a costing system in the conduct of any manufacturing business. Although the subject has been before the printing and allied trades for many years now, it would appear as if persistent effort was required to keep alive the interest in the subject.

Somehow bookbinding costing does not come much to the fore. Perhaps there may be employers who find it difficult to apply the Federation system to their particular business. At any rate, when we talk of costs in the binding shop, it might be well to have before us the particular kinds of binding we are acquainted with. Let me summarise them.



MR. W. ST. CLAIR WILSON

There is the large establishment devoted entirely to turning out work in large quantities in cloth and leather. This class of shop is packed with machinery; in fact the basis of its efficiency and output is machinery. Much of this is the outcome of the concentration of many minds on the invention of machinery to eliminate labour. The large publishers' binding houses here have adopted the methods of machinery in use in America, and have added their own ideas. Under such productive methods costing must be comparatively simple, and costs should be known down to the last item. These concerns can certainly apply the Federation Costing System principles and methods without any difficulties or complications arising.

THE PRINTERY-BINDERY

Then there is the house which is primarily a printing house, with a bindery as adjunct. Here a different position exists. I have named it an adjunct because the printer finds it a convenience to have a number of girls to fold, wire stitch, and possibly glue on a cover to a pamphlet. I have known of the interchange of labour, and the girl folder being called upon to do machine feeding to fill up time, so eliminating waiting time, which otherwise would be lost time. With the incoming of rapid small folding machines, the printer is being severely pressed by the pushing machinery seller to buy such machines. If this form of binding is treated on its merits, and costs ascertained correctly by the printer, no fault can be found, but I fear that in many cases this part of his output is not so carefully costed as it should be.

There is also the wholesale house producing bound stationery work in large quantities for home sale and export. This work is keenly competed for, and means a complete and exhaustive system of costing. Most of the work being of a routine nature, a level line of productive costs is possible. Every means of making use of machinery is tried, but there still remains an element of hand work, and this cost must be variable.

The bonus system is in some cases introduced to increase output, this again having its effect on the result.

Now we come to the trade binding shop, with which I am more intimately acquainted. There must be many similar shops all over the country—the shop which is open to receive all kinds of work and is prepared to tackle anything, and incidentally is required to be at the immediate service and help of the sister trades.

Paper-ruling may be included in such a shop, and cost finding in this department is a comparatively simple matter. Machine costs are low, but floor area is considerable. Given a steady flow of work there is not much time lost or unaccounted for. I have endeavoured to get the time lost between jobs entered on the dockets as "waiting," but in reality there should be no waiting. Another item in paper-ruling which I fear is sometimes overlooked, is the trimming of the paper. The surest way to recover this is to test over a period the average amount of time taken by the guillotine cutter for this operation, and add the cost to the other costs of the ruling department.

BINDERS' MACHINERY COSTS

I now come to binders' machinery, properly speaking. This is very varied, ranging from the humble wire-stitching machine to the lordly three-side trimmer. Every machine at some time plays its part in the output of the work, and every machine should have an hourly rate. When I mention that, in my small establishment, I have forty-three varieties of machines, thirty-eight of which are power-driven, you may more readily grasp the idea I suggest of taking each on its merits and ascertaining the hourly rate. In many cases it is small, but the principle is the same on each machine. A value must be fixed, and its overheads, departmental expenses, and running charges recovered, always keeping in mind that it must or should be replaced some day.

One problem that presents itself is to fix an hourly rate for many of the machines the use of which is intermittent. Many small machines may be considered as tools, but these have cost varying sums to purchase. Capital has been locked up, and must be recovered; how to get it back under the circumstances calls for considerable thought on the part of the binder. It will be rank heresy to say that any serious departure should be made from the rules governing cost-finding, but I put forward the proposition that it must be left to the intelligence of the employer and cost accountant to arrive at the hour cost of many machines in use.

Let me illustrate. A sewing machine costs £325. Reckon on a ten years' life, interest at 5 per cent. equals £16; depreciation at 10 per cent. equals £32. Rent, rates, taxes, power, upkeep, 20 feet at 6s. equals £6. Total £54. What average hours' use per week can I reckon on? If I take actual running time for a short period my hourly rate would throw me hopelessly out of the market. I therefore consider that an average of, say, forty hours' productive work is reasonable. So I should regard 7d. per hour for this particular machine as the machine cost. To this must be added the productive hour wages cost, which I shall discuss separately. This method may be criticised,

*An address delivered at the F.M.P. Cost Congress at Edinburgh, last week.

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but if the mixed binding shop is to keep its place, I claim that the circumstances existing in each shop and even in each town must be met by the employer in a way that will ensure him a fair share of work at a fair price.

WAGES AND DOCKETS

But the machine cost is not the heaviest cost in bookbinding. The heavy item is wages. Still taking the book-sewing machine as an example, you find attached to it an operator and an assistant. The operator gets the recognised wages—often more. In the case of the assistant, this used to be recognised as a learner's job, but the short four years' apprenticeship has altered this, and now we find the assistant often paid as much as a qualified senior operator. I wonder if my experience is common to the trade?

In considering binding shop costing, I again come back to the point that the principle evolved by the Federation system for an all-round printing establishment should be adjusted to suit special circumstances. The keystone of the structure is the daily docket, and here I find the worker experiences a difficulty in keeping a reliable record of time and output. No doubt a fair criticism would be that it can be done if properly supervised, but I suggest that the filling in of the daily docket ultimately gives the worker the experience necessary automatically to place on record a time for individual parts of the work which may not in all cases be the actual time taken on the particular occasion. This is a difficulty experienced, I believe, in all branches of the allied trades.

Again, all workers are not equal in output, and there is a tendency to adjust time dockets. I am referring here more especially to work which is being handled by a number of workers on the same job. To bring all these details into a job sheet is laborious, but necessary. Bear in mind that in a general binding shop very many jobs take considerable time to turn out from start to finish, not always the fault of the binder. His great bugbear is the rushing out of part of the job to suit the customer and going back again to complete it, often after delays not within his control. Naturally, you would say that this makes no difference, as the time is all recovered by the docket system. But time has wings, and flies.

PROBLEM OF MIXED WORK

The treatment of work done by the men has also its difficult side. I have mentioned the large shop handling stock lines; here there is less difficulty—a day's work consists of a definite quantity per day. How different from a jobbing shop! Here a day's work will consist of a mixed parcel, and it is impossible for the worker to allocate to an individual book a definite part of the share of the day's time spent on it. He will transfer to the job sheet a time which in his view is the fair share applicable to that book; but this may be inaccurate, for the next parcel he handles may be smaller, and division by the same method will throw the time for a similar book out of proportion. An alternative method is that work should be "batched" by the overseer and time recorded under a departmental number and afterwards apportioned by him to the separate jobs.

Some years ago a number of Scottish master binders produced a selling price list for binding and ruling. In arriving at the binding prices, productive times were carefully analysed, and the results used to construct as reliable a selling price list as possible. It was severely criticised at the time, but further

experience has justified the figures used. I believe a similar plan was tried in other centres, but before any list can be prepared, careful records must be kept.

IMPORTANCE OF TIME

Time must play a considerable part in binding costs, and it is to this part that the strictest attention must be given. The daily docket must be as accurately filled up as possible, and the particulars transferred to the job cost sheets. I have just referred to a selling price list as being of great assistance, and while using this do not forget that the correct thing is to find your actual cost for comparison with the price list and to check your estimates. Your customer has no patience with a price that is up one day and down the next, although your costs may vary; but you cannot keep in business long if your charges do not bring you a profit on your actual costs. If you are dealing with a firm who are reselling, the invoice for the work is wanted along with the job. To wait for the completion of cost sheets takes time and would delay delivery and cause friction, but you can prevent work being repeated at a loss. Work not included in the price list must of necessity be priced from the time and material data gathered in the docket, and applied to the job. An observant employer or cost clerk will find from these figures so gathered whether in the case of listed items the price is correct, or otherwise requires adjusting. Binders, like printers, have to give estimates and ascertain costs afterwards; but, if estimates are constantly checked with costs, these will become more accurate. An element in bookbinding which is perhaps more characteristic of that trade than of the other allied trades is the establishing of a definite rate for certain processes forming part of the whole. This is arrived at after experience over a period had proved its accuracy. It is essential to estimators to have these figures ready. A Seybold cutter has an hourly rate, but the trimming of the book is only a part of the job, and, the output from such a machine being so reliable and regular, the part it plays can in some works be added into the cumulative cost with perfect safety. The same can be said of rounders and backers, casing-in machines, etc., all forming part of one complete process.

Most work to-day is competed for; therefore the employer must figure out his costs for each process and rigidly apply them. Costing is the essential thing, and ignorance of true cost leads to variable estimating and incorrect prices. We cannot divorce costs from prices. Costing is essential to maintenance of a fair standard of prices, and to efficiency in management. I contend it is more difficult to ascertain costs in a binding shop or department than in other sections of the trade, but it can be done and is well worth doing.

THE North-Western Polytechnic, Prince of Wales Road, Kentish Town, N.W.5, already announces its next session, which begins on September 15th. Printing classes are held in Compositors' Work, Letterpress Machine Work, Monotype Keyboard and Caster, Linotype Composition, and Layouts. The school is fitted with the latest type of equipment, and has exceptional social and recreative facilities.

THERE has been such a demand for "Classification and Definitions of Paper Terms," that it is now out of print. A revised edition is under consideration, however, but it is not possible to give a definite date as to when it will be ready.

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Binders' Overseers' Association

An Address on Selling

Salesmanship was the principal topic at the June meeting of the Printing, Bookbinding and Kindred Trades Overseers' Association, held on Tuesday last week, at St. Bride Institute, Bride Lane, E.C.4. In the unavoidable absence of Mr. J. A. Esler (president), the chair was occupied by Mr. Maurice Hunt (vice-president).

After the adoption of the minutes, an unusually large number of candidates was admitted to membership. These were: Mr. John Howard (overseer, warehouse department, Messrs. Sanders, Phillips and Co.), Mr. William Baxter (overseer, loose-leaf department, Lamson Paragon), Mr. Frank S. Hayes (overseer, bookbinding department, Messrs. Zachnsdorf, Ltd.), Mr. Ernest H. Jury (overseer, bookbinding department, Messrs. Cakebreads, Ltd.). To the following candidates honorary membership was granted: Mr. William McBurnie (binding department, Messrs. Wells and Co.), Mr. Henry Jones (buying department, Messrs. Thos. De la Rue and Co., Ltd.), Mr. Dudley A. Goodwin (representative, Messrs. A. Goodwin and Co.). In his welcome to each of the new members, the chairman spoke of the value of the Association.

Amongst the items of correspondence submitted to the meeting was a letter from Mr. Arthur Cox (from Bournemouth), also one from Mr. W. F. France, the secretary of the Caxton Convalescent Home, Limpsfield, in which mention was made of the Association's annual contribution, the granting of which the meeting cordially approved.

The members next discussed several matters which came under the heading of "Future Events." These included the summer outing (for which Messrs. Bryan and Cribb were elected stewards), the members' reunion smoker to be held in the autumn, and the winter dance.

Following the consideration of other matters, the meeting was addressed by Mr. W. H. Lyon (Hampson, Bettridge), who took "Selling" as his subject.

THE NECESSITY OF SELLING

Everyone admitted selling to be very necessary in business, he said, but few realised its importance when it came to a question of increasing sales. He would even go so far as to say that energetic selling lowered the cost of living. It was very natural for a man to know his wishes and desires, but the fact was that he did not always know them. Everything nowadays had to be sold, and it was no use waiting for a man to come and buy. You had got to go to him. A binder, for example, might be able to make profitable use of a certain machine, but almost always he would refrain from ordering—even if he knew of its existence—until he was influenced by a representative of a firm able to supply the machine in question. If everyone had a more intimate knowledge of the requirements of modern selling it would undoubtedly prove beneficial. "Why not let your customer know of every improvement in your plant?" asked Mr. Lyon. He mentioned, as an example, a leading firm of makers of loose-leaf ledgers with a thong binder. The firm's price, he believed, was double that ruling in the ordinary way. Yet they sold their goods, and sold well. That was simply because the firm he had in mind told their customer how much money they would earn for him. Everything worth selling had some merits, and these

should be enlarged upon. Some people foolishly thought that the only way to increase sales was to cut the price.

Although the craft of bookbinding was a specialised job, and although it affected favourably or otherwise the ultimate printing results, yet only in rare cases was the binder consulted about a job before it was planned. The author had his name with the publisher on the title page of a book, and the printer also put his name on the back, but where was the binder's? Why should not the binder have an emblem or trade mark on the back cover? It was no use their saying they could bind books better than other people if nobody could recognise them.

Mr. Lyon concluded by saying that unless two people (buyer and seller) profited by it, it was not a sale but a swindle.

The chairman conveyed the thanks of the meeting to Mr. Lyon for his interesting address.

Stereo Overseers' Association

Very little business came up for consideration at the June meeting of the Electrotypers and Stereotypers' Managers and Overseers Association, held on Friday at St. Bride Institute, Bride Lane, E.C., a moderately-attended meeting being presided over by Mr. A. Chadwell (president), supported by Mr. J. Black (vice-president).

Mr. B. Wood (B. Dellagana and Co., Ltd.), who was present at the meeting for the first time since his election to membership, was given a welcome from the chairman.

Mr. Watkin Phillips (Dalziel Foundry, Ltd.), Manchester, was elected to membership.

The secretary brought news of the death of Mr. David Dollomore, which occurred on Sunday, June 1st. Mr. Dollomore was an old and much-respected member of the Association.

The secretary had received a letter from Mr. C. H. Ward, in which it was stated that he had retired from business. The chairman said he hoped that Mr. Ward still had many happy years in front of him, and he was confident the members wished that the secretary should write a letter to Mr. Ward, wishing him the best of luck in the future.

The secretary stated that the Hotel Metropole had been booked for the Association's annual dinner on November 22nd.

The Association will not meet again until September.

WE much regret to record the death, in his 76th year, of Mr. Leo Crosland, managing director of Messrs. William Crosland, Ltd. He passed away after a short illness, at his residence, "The Hawthorns," Bredbury, near Stockport.

MANY connected with the printing and bookbinding industries will learn with great sorrow of the sudden death of Mr. Joshua Humphrys, senior partner in the firm of Messrs. Young and Humphrys, of Rupert Street, Bristol, which took place on the 31st ult. Besides being widely known and respected from a business point of view, Mr. Humphrys was a leading member of a large Baptist Church in Bristol, viz., that of Broadmead, and had been secretary of the Sunday School there for 59 years. The funeral service, held at Broadmead on the 3rd inst., was largely attended.



THE CONGRESS TAUGHT US TO MODERNIZE!

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(Concluded from page 566.)

American Printers

and in many cases a bonus was paid to reward extra production.

The visitor was struck with the wonderfully exact and accurate work of American engineers in the turning out of precision apparatus for the printing trade. He saw colour plates going on to machines, and results being obtained within half an hour, which showed an impression equal to what we in this country would look for after a day or a day-and-a-half spent in making ready.

MODERN PROCESSES

Proceeding to touch on a few of the interesting processes he had inspected, Mr. Riddell briefly described the electrical method of etching plates, indicating that instead of copper "growing" on the plate, metal is extracted from between the dots, the result being a well-etched plate, showing no undercutting and no shoulders to the dots, and eminently suitable for duplicating purposes.

With regard to water-colour inks, Mr. Riddell spoke enthusiastically of the very fine work being done in America by their use. He advised his hearers not to accept some of the work done here as adequately representing the process. He said the best results were obtained by the use of rubber blocks, and rubber rollers. He also briefly described the Aquatone process. Another interesting process which he inspected was teletypesetting, whereby it is possible, by the operation of one master machine, to have slugs simultaneously produced in various places thousands of miles away. He explained that the transmission is electrical, somewhat on the lines of the tape machines, but a perforated tape is employed.

Chromium plating was still another subject touched upon, Mr. Riddell saying that many American electrotypers have not shown much interest in this process, because they hold that nickel-steel-deposited plates are capable of standing up to any length of run required.

Wax engraving, by machine for commercial work, and by hand for maps, struck him as a wonderfully useful method, remarkably fine results being obtained from electrotypes produced by this method of preparing printing plates.

He observed very successful use being made of the chemical retouching of negatives for rectifying colour values, and a very widespread adoption of step-and-repeat machines for photo-litho. He was surprised to find that some fine offset work was being done by letterpress pressmen.

TECHNICAL RESEARCH

Mr. Riddell laid great emphasis upon the keen interest shown in America in the subject of industrial research, and the large amount of money expended thereon. He mentioned the valuable research work being conducted by the Lithographic Foundation, and also by trade organisations such as those representing bookbinders, electrotypers and papermakers. This country, he said, had to look to America for a lead in this direction; but the printing industry of this country had now decided to embark upon a similar scheme, and would conduct its research work for the benefit of the industry as a whole and not for any one section.

Mr. Riddell had interesting recollections to tell of talks with prominent American printers. In this connection he spoke of Mr. Wm. Edwin Rudge, Mr. Updike and Mr. Norman T. Munder, Mr. Horace Carr and Mr. H. L. Bullen, also mentioning his visit to Elbert Hubbard's place, the famous Roycroft workshops.

Mr. Riddell's general impression of the printing industry of the United States was that American printers are far ahead of us in organisation and equipment, but that they do not train craftsmen in the same way as we attempt to do, with the aid of our apprenticeship system.

Mr. Riddell received an ovation on resuming his seat, and the very large number of questions and comments that ensued showed that interest had been aroused in various aspects of the printing craft.

Many members having spoken, and Mr. Riddell having replied, the president expressed the indebtedness of the Association for the instructive and interesting address that had been delivered, and then a cordial vote of thanks was passed, on the proposition of Mr. Low (an old friend of Mr. Riddell, and, like him, an Aberdonian), the seconder being Mr. J. Duvall Davis. With Mr. Riddell's response, the meeting came to an end.

FOLLOWING the lead of the Bath bookbinding house of Cedric Chivers, Ltd., the management of Pitman's Printing Works has informed the 150 girl employees that working frocks must have sleeves or overalls must be worn. Certain girls were asked to change their frocks at the lunch hour on Friday, but it is stated that no resentment was felt, because most of the girls prefer to work in overalls.

MR. JAMES KEEP, founder of the National Society of Operative Printers and Assistants, left estate of the gross value of £878, with net personality £866.

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Dividends and Reports

WINTERBOTTOM BOOK CLOTH CO.—Directors have decided to redeem on December 31st next the outstanding portion of the 5 per cent. debenture stock of the company at 110 per cent. The amount outstanding is £490,160, of which the company owns £203,520. The stock is redeemable at the option of the company at 110 per cent. at any time on six months' notice.

SPICERS, LIMITED.—The accounts of Spicers, Limited, papermakers and stationers, for the year ended March 31st show a net profit of £101,110 (against £98,577 for 1928-29). The preference share dividend absorbs £32,500. The dividend for the year on the ordinary shares, which are privately held, is again 5½ per cent.

New Companies

K. Z. G., LTD.—Capital £1,000, in £1 shares; to acquire from the News and Westminster, Ltd., the copyright and goodwill attached to the *Daily News and Westminster*, to acquire from United Newspapers, Ltd., the copyright and goodwill attached to the *Daily Chronicle*. Newspaper proprietors, printers, publishers, bill posters, typefounders, booksellers, stationers etc. Private company. Subscribers: E. J. Alldis and J. J. Bennett. Directors to be appointed by subscribers. Solicitors: Linklaters and Paines, 2, Bond-court, Walbrook, E.C.4.

HUGH EVANS AND SONS, LTD.—Capital £5,000, in £1 shares (700 5 per cent. preference and 4,300 ordinary); to acquire the business of printers, newspaper proprietors, publishers and stationers now carried on by Hugh Evans, E. M. Evans and Howell Evans at 356, 358 and 360, Stanley-road, Liverpool, as "Hugh Evans and Sons." Private company. Directors: Hugh Evans, E. M. Evans and Howell Evans. Solicitors: A. Rees, 5, Harrington-street, Liverpool.

OXFORD STATIONERY CO., LTD.—Capital £1,000, in £1 shares; wholesale stationers, printers, publishers, book and print sellers, bookbinders and art journalists, etc. Private company. Directors: F. W. Fox and R. H. Phillips. Solicitors: Andrew Walsh and Bartrams, Oxford.

COLOURCRAFT SHOWCARDS, LTD.—Capital £1,000 in £1 shares; show card manufacturers, art, colour, copperplate, etching, lithographic, offset and photogravure printers, etc. Private company. Directors: Mrs. M. E. Bretherick and Mrs. F. A. Pickles. Secretary: A. R. Bretherick, 24, Basinghall-street, Leeds.

BENNETT AND SPOWART, LTD.—Capital £600, in £1 shares; to carry on the business of lithographers, printers, designers, stationers, etc. Private company. Subscribers: William G. Spowart and D. E. K. Spowart. Registered office: 520, Garscube-road, Glasgow.

WALTER ROSE PUBLISHING CO., LTD.—Capital £500, in £1 shares; to carry on the business of publishers, printers, stationers, lithographers, etc. Private company. Directors: W. Rose, I. Sacks and T. Solomons. Solicitors: Howard and Shelton, Lincoln House, Fore-street, E.C.

LONDON SHOWS PUBLICITY PANELS, LTD.—Capital £2,000, in £1 shares; to acquire the business of London Shows Publicity Panels, now carried on by S. H. Hudson at 95, Dean-street, W.1, and to carry on the business of advertising contractors, printers, publishers, newspaper proprietors, etc. Private company. Directors: H. Birkett, J. L. C. Hurst, H. E. Newman and S. H. Hudson. Registered office: 95, Dean-street, W.1.

CENTURY BOOK CLUB, LTD.—Capital £4,000, in £1 shares; to carry on the business of a book club and correspondence school and that of printers, booksellers and publishers, etc. Private company. Directors: K. H. MacNichol and Eileen A. C. Bigland. Solicitors: Taylor and Humbert, 4, Field-court, Gray's-inn, W.C.1.

LIGHTFOOT'S, LTD.—Capital £300, in £1 shares; to acquire the business of a printer, bookbinder and advertising agent, now carried on by J. Lightfoot at 63, Mare-street, Hackney. Private company. Directors: J. Lightfoot and G. A. Sage. Registered office: 81, Mare-street, Hackney, E.8.

PEMBROKE BAG AND PAPER SUPPLY CO., LTD.—Capital £250, in £1 shares; paper bag makers, paper agents, merchants and sellers, etc. Private company. Directors: J. W. Webster and G. Nunn. Registered office: 69, Pembroke-road, Walthamstow, E.17.

Mortgages and Charges

HARDING AND CURTIS, LTD. (printers, etc., 3, Wood-street, Bath).—Satisfaction (1) in full on February 6th, 1930, of mortgage dated January 12th, 1903, for £700, and a further charge dated May 25th, 1904, for £150, registered pursuant to Section 12 of the Companies Act, 1907, on September 21st, 1908 (the date of the creation of the charges being wrongly stated as December 18th, 1902), and (2) to the extent of £1,450 on various dates from February 9th, 1912, to March 29th, 1930, of second debentures authorised July 11th, 1906, and registered October 15th, 1906, securing £1,5000, the remaining £50 having been unissued and cancelled. (Notices filed May 27th, 1930).

A. H. BUTLER, LTD. (printers, etc., 34-5, Western-road, St. Leonards-on-Sea).—Satisfaction to the extent of £800 on May 19th, 1930, of mortgage dated September 29th,

1922, and registered October 11th, 1922. (According to the register of mortgages, the mortgage registered October 11th, 1922, originally secured £800.

H. A. JEPSON, LTD. (stationers, etc., 12, Robertson-street, Hastings).—Satisfaction in full on April 30th, 1930, of charge dated November 16th, 1929, and registered December 4th, 1929. (According to the register of mortgages, the charge registered December 4th, 1929, originally secured all moneys, not exceeding £1,500.)

TARGETT, BARRETT AND CO., LTD. (printers, etc., 17, Dufferin-street, E.C.).—Particulars filed of £1,000 debentures authorised May 8th, 1930, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued.

CHARLES NORMAN, LTD. (stationers, printers, etc., Pershore-road, Stirchley, Birmingham).—Memorandum of deposit dated May 20th, 1930, charged on premises at Pershore-road, Stirchley, Birmingham, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd., not exceeding £3,000.

METZLER AND CO. (1920), LTD. (publishers and sellers of music, works of art, etc., 14, Rathbone-place, W.).—Satisfaction (1) to the extent of £600 on May 13th, 1930, of prior lien debentures authorised May 12th, 1926, and registered April 29th, 1927, securing £3,000, and (2) to the extent of £400 on same date of prior lien "A" debentures authorised September 10th, 1928, and registered October 19th, 1928, securing £2,000.

Receivers Appointed or Released

PARR, LANGFORD AND CO., LTD. (originally Thornton Parr and Co., Ltd., renamed Parr and Co. (Blackpool), Ltd., and again renamed as above), (printers, etc., 8, Back Palatine-road, Blackpool).—J. W. Westhead, of 6, Birley-street, Blackpool, was appointed receiver and manager on May 21st, 1930, under powers contained in debentures dated July 24th, 1928.

COLLEYS, LTD. (old company), (manufactures of tickets, telegraph coils, etc., 24, Basinghall-street, E.C.2).—S. H. Gillett, C.A., of 24, Basinghall-street, E.C.2, ceased to act as receiver and/or manager on May 23rd, 1930.

T. H. GOOD, LTD. (paper merchants, etc., Bedford-street, Leeds).—H. D. Leather, C.A., of 10, East-parade, Leeds, was appointed receiver on May 16th, 1930, under powers contained in debentures dated February 13th, 1923, to November 27th, 1928.

Bankruptcies

Re T. G. W. HENSLow, Temple Chambers, Temple-avenue, E.C.—An application for an order of discharge was made on June 5th at the London Bankruptcy Court by this bankrupt, who failed in September, 1923, with provable claims £1,597. The official receiver reported that he had received £94 in respect of the bankrupt's interest in his parents' marriage settlement. In 1913 the applicant was editor and joint proprietor of *My Garden Illustrated*, the copyright and goodwill of which was transferred in June, 1914, to a company registered as "My Garden Illustrated, Ltd." As co-vendor he was allotted 199 £1 shares and was appointed director of the company, but surrendered his interest in July, 1915, and the company went into voluntary liquidation in 1920. The bankrupt attributed his failure to excess of expenditure over income and heavy interest charges. A discharge was granted subject to a fortnight's suspension.

Stationers and Direct Trading

At the recent Stationers' Conference at Torquay, one of the main subjects considered was the increasing difficulties to which the retail trade is faced by reason of direct trading by manufacturers. It was found impossible to carry resolutions put forward with a view to counteracting the trouble, and ultimately it was decided that the general secretary should circularise all members on the subject, stating that this was a very difficult question, and asking for the opinion of the manufacturers.

A RECEIVING order under the Bankruptcy Acts has been made in respect of J. H. Atkinson, residing at 31, Woodhall-lane, Welwyn Garden City, Hertford, and carrying on business at Hyde Way, Welwyn Garden City, printer and carton cutter.

COUPON PRINTING.—Messrs. Henry Davis, Ltd., printers, of Crane-court, Fleet-street, were ordered by Sir Chartres Biron last week to pay a fine of £25 and £5 5s. costs, for printing coupons relating to a ready-money football betting business. The prosecution arose out of the conviction of a bookmaker for using premises for the purpose of ready-money betting by means of football coupons. The coupons were printed by Messrs. Davis, and were headed "Credit accounts only."

MR. LEO WEINTHAL, founder and chief editor of the *African World*, died at his home at Sunbury-on-Thames last Thursday, at the age of 64. He founded the *Pretoria News* in 1897, and represented various London newspapers in the Transvaal.

A TEST TEAM

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LONDON'S "TRADE" LITHOGRAPHERS

The Future of Printing

Mr. J. R. Riddell at the Imperial Press Conference

A brief survey of the printing industry, with a forecast as to possible future developments, particularly in regard to newspapers, was given by Mr. J. R. Riddell (principal of the London School of Printing), addressing the delegates at the Fourth Imperial Press Conference on Saturday.

There was no standing still in the printing business, said Mr. Riddell. Changes came rapidly. New processes and new machinery followed closely on each other; what was modern to-day became obsolete to-morrow.

"Ours is a most fascinating craft," he continued. "Probably that is why it attracts to its ranks men of great intelligence and skill. History proves that men of letters, artists, engineers, and master craftsmen have ever been keen to identify themselves with our industry."

CO-OPERATION NECESSARY

The developments of the past would be insignificant compared with those which would evolve in the future. It required, however, understanding and co-operation to make the most of proved inventions; and the feeling of concern for the future, prevalent among many workers, might somewhat retard progress.

This was a mechanical age, and there was every indication that an era was at hand where mechanics and chemistry would play a much larger part in industrial development than in the past.

"It does not require," he said, "a prophet to foretell that if experts in these subjects be given a fair chance, general conditions will improve, while the production of good work will be accomplished with much less effort. The manager of a printing business in the future, I suggest, will require to be almost a superman, for he will not only have to possess the qualifications based on a sound printing experience, but also a bent for mechanics coupled with the analytical mind of the scientist, plus the qualities necessary for negotiating labour problems, which seem to be ever with us."

An impossible combination, some might think, but not so difficult if they selected, educated and trained suitable people for the posts. There was a better type of boy coming into the printing industry to-day than in any period in the whole of the craft's history, and they were now in a position to produce a very much higher class of work than at any time since the inception of the art.

ELIMINATION OF MAKE-READY

Passing on to consider the three basic principles of printing—relief, planographic and intaglio, Mr. Riddell said, regarding the first-named: "Ever since the introduction of letterpress printing, much labour has been expended in the process of 'making-ready' There is, however, clear evidence that within a comparatively short time this operation will have become a thing of the past When precision methods are perfected it will be possible to supply what newspaper publishers have long been looking for—a colour edition."

After dealing with developments in lithography and intaglio printing, Mr. Riddell said that in printing generally more attention would have to be given to

PREPAID ADVERTISEMENTS

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		Three Lines	
		s.	d.
Situations Wanted	1	6
Situations Vacant	3	0
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Machinery for Sale and Wanted	3	0
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		s.	d.
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Patents for Sale	2	0

Replies may be addressed to Box Numbers. Offices of this journal for which a fee of 8d. is charged to cover postage of replies.

Annual Subscription (post free) 17s. 6d.

Cheques and Post Office Orders to be crossed and made payable to STONHILL & GILLIS, Ltd., 58, Shoe Lane, London, E.C.4

Telegrams: STONHILL, LUD, LONDON Telephone: 2439 HOLBORN

SITUATIONS VACANT

FIRST-CLASS PRINTER wanted for leading newspaper and general printing office in Ceylon; age 26-28; good organiser; salary commencing Rs. 900 per month; three years agreement; passage out and back paid; full particulars, references.—Box 15466.

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THE Printers' Provident Association, 21, Charterhouse-street, Holborn-circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades, at short notice. No charge. 'Phone, Holborn 0527. 14695

MACHINERY FOR SALE

NUMBERING MACHINES, Hand and Forme; half-price; new.—Marston, 69, Wightman Road, London, N.4 15442

detail. Few firms gave thought to the automatic air-conditioning of workrooms, though it was an ascertained fact that the best results were obtained from men, machines, ink and paper when a regular temperature of at least 65 degrees Fahrenheit was maintained

EDUCATION AND RESEARCH

In conclusion, Mr. Riddell referred briefly to the activities and scope of the London School of Printing, and also mentioned the recently-established research bureau formed to collate and distribute information relative to new machinery and methods of production, as well as to suggest and encourage scientific research in the various problems confronting the industry.

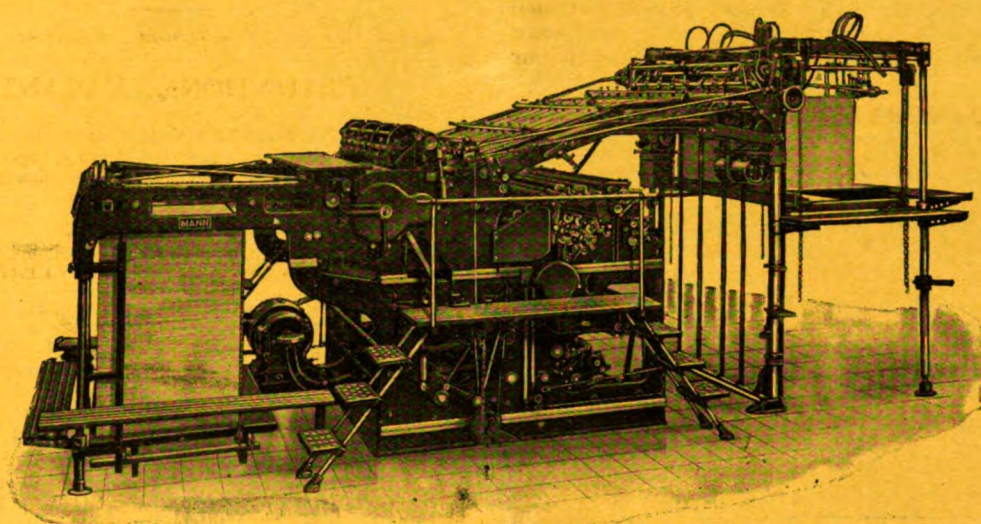
THE death has occurred of Mr. Edward Anderson Withers, a well-known Belfast printer. Mr. Withers, who was 63 years of age, was head of the firm of Messrs. E. A. Withers and Co., North Queen Street. In his early life he was with the *Newry Telegraph*, and soon after he went to Belfast he started business on his own account. Mr. Withers was a member of the Belfast Master Printers' Association, and an honorary member of the Typographical Society. He is survived by his wife, one son, and two daughters. His son, Mr. W. E. A. Withers, is prominent in Belfast journalistic circles.



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Australia and New Zealand: R. COLLIER & Co. PTY., LTD., 194/196, Little Lonsdale Street, Melbourne, and 230, Clarence St., Sydney.
Also at Adelaide, Brisbane, and Perth
South Africa: W. H. SMITH & Co., 148, St. George's St., Capetown. India: GEORGE MANN & Co. (India) Ltd., 14, Clive St. Calcutta.

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GLEN STEEL

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T. G. & J. JUBB LIMITED - - HUNSLET, LEEDS

Telegrams: Metals, Leeds

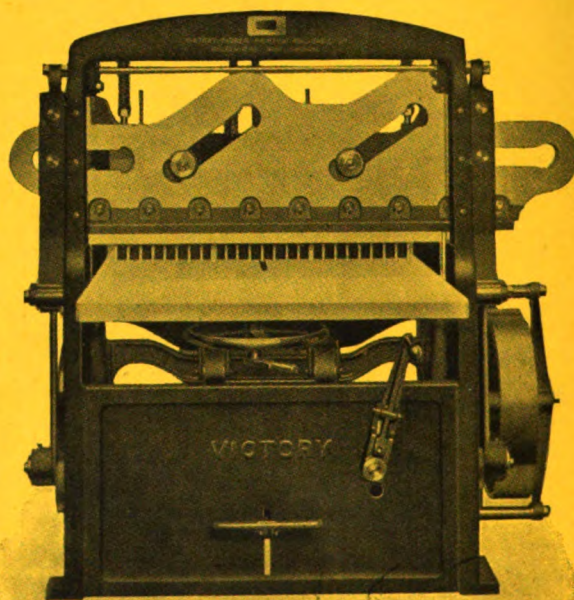
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WORKS**

Birkenhead

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COMPANY, LTD.**

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London Office :

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Manufacturers of—

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Telephone:—MANCHESTER: "CITY 4644"—LONDON: "BISHOPSGATE 7518 and 7519"

"**MONOTYPE**" IS A WORD WHICH
SELLS PRINTING!

The British & Colonial Printer

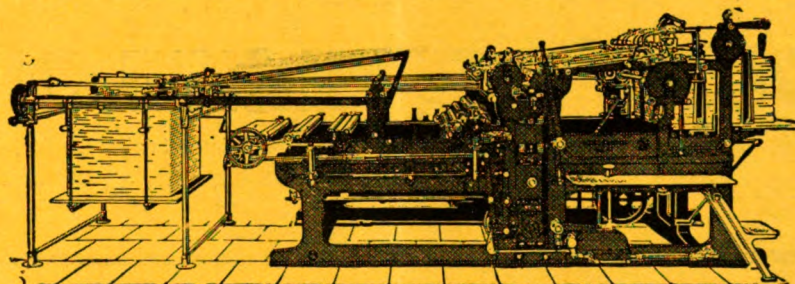
FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 86

LONDON: JUNE 19, 1930

EVERY THURSDAY
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8 Models: Quad Royal down to Medium. Speeds: 1,700 to 3,600 per hour

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anybody anywhere to com-
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HOUSE OF NICKELOID

The Nickeloid Electrotape Company Limited

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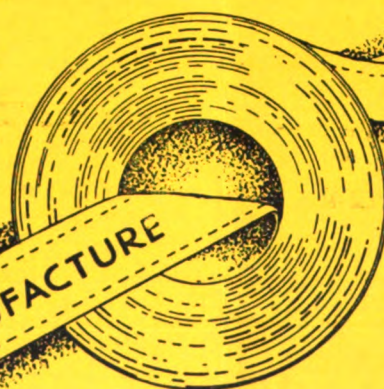
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NO DRESSING

We are the actual manufacturers of this tape.

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W. G. MONNERY & CO. LTD.

15 & 16 Thavies Inn, Holborn Circus, LONDON, E.C.1.

'Phone: CENTRAL 4751.

Established 1800.

The British & Colonial Printer And Stationer

FOUNDED 1878 — PUBLISHED WEEKLY

VOLUME 106
NEW SERIES No. 86

LONDON: JUNE 19, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THE "patchy" state of business, to which we referred last week, seems still unfortunately prevalent. The general level remains dull, but is relieved here and there by a high spot where trade is bright. The impression we have received that these high spots are becoming a little more numerous may perhaps be due not so much to a change in the volume of trade as to the recent welcome increase of June sunshine, which tends to be reflected in reports of proprietors and executives.

* * *

FINDING WORK

THOSE who have felt the almost hopeless depression associated with the vast problem of unemployment, a burden which we share in common with other leading nations of the world, may well find some comfort in observing that there is an increasing desire amongst thoughtful people to have this problem lifted out of the arena of party politics, and dealt with as a matter of national emergency to which men of all parties or of none should bring any useful contribution they can offer. Perhaps a substantial movement in this direction may result from the unique conference, representative of all the local authorities of Great Britain, which at the Guildhall, London, the Prime Minister opened on Tuesday. The task of the conference is

to produce work schemes that will absorb large numbers of the unemployed, and there will surely be very general support behind the Prime Minister, in urging that no pains must be spared to put into immediate operation every useful scheme of local improvement. Approval has already been given by the Government for schemes totalling more than £100,000,000, but only a small portion of the schemes has been put into operation. There is opportunity here for the giving of remunerative work to large numbers of willing men and women, work which should greatly benefit the nation's industry as a whole. Upon the state of this, depends the welfare of the printing trade, which is the handmaid of

industry in general. Yet it is no merely selfish interest that induces many prominent people in the printing and allied trades—on both the employers' and the employees' sides—to welcome every opportunity of public service. These trades are rich in examples of valuable and disinterested service to the community, and their representatives will not be behind in action if practicable and profitable ways of reducing unemployment are made plain.

* * *

INDUSTRIAL CO-OPERATION

IN seeking industrial development, however, it is not enough to find work to be done and money

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to pay for the doing of it. The work must meet a need or confer benefit, and its execution must be planned on scientific economic lines, avoiding waste of all kinds and not least the waste that results from overlapping or conflicting efforts. Co-operation and co-ordination are essential. This is a matter in which printers have learned wisdom in advance of most other representatives of industry. It is well, for instance, that we find Mr. T. J. Newland, speaking the other day at the Edinburgh conference of the National Union of Printing, Bookbinding and Paper Workers, able to speak publicly of the "splendid relationships" existing between the employers' Federation and the combined trade unions, and to assert that they in the printing industry could say truthfully that, compared with other industries, they had had what one might call a respectable share in the prosperity. It is in the pooling of intelligence and effort, and the fair sharing of reward that prosperity for the printing and all other industries must be sought.

* * *

HOURS OF EMPLOYMENT

WE learn, at the time of writing, that no move has yet been made in the direction of the suggested interview between the Minister of Labour and a deputation representing the Printing and Kindred Trades Federation, on the subject of the Hours of Industrial Employment Bill. The desire was to indicate to the Minister the manner in which certain clauses were likely to affect the production of week-end and weekly newspapers where it is necessary to work long hours during a few days prior to publication, but with aggregate hours per week falling far short of the forty-eight specified in the Washington Hours Convention, on which the Bill is based. Perhaps, however, the purpose was sufficiently achieved by a comprehensive statement which the executive of the P. and K.T.F. submitted to the Ministry, setting forth a mass of information to justify the assertion that the Convention, as originally drafted, would seriously interfere with the conditions necessary to the work referred to. We understand that, so far as the printing industry is concerned, it is now believed that the Bill will not interfere with existing practice in the matter of hours. The matter is under careful observation, however, and it may be necessary for printing trade representatives to intervene when questions emerge respecting the practical application of the various clauses of the Bill.

Mr. Harold Speddings, of Sheffield, was appointed president for the ensuing year of the National Federation of Retail Newsagents, Booksellers and Stationers, when they met at Dunoon on Monday.

Mr. W. Hewitson, for many years sub-editor of the "Bury Times" and a former editor (who retired after sixty-two years in journalism a few weeks ago), has been privately presented, on behalf of his colleagues, and friends of other departments of the "Bury Times" with a solid silver inkstand, suitably inscribed, as a mark of the high esteem and warm regard in which he is held.

Personalia

The Duke of York sent a personal message of appreciation to the Greyhound Racing Association, who raised £900 for the Newspaper Press Fund by a dog-racing meeting on Whit-Monday.

Sir Meredith T. Whittaker, the veteran Scarborough printer, formerly chairman of the Linotype Users' Association, to-day (Thursday) opens a new public library at Scarborough.

Sir William Waterlow has presented the Rev. W. Stevenson Stuart, B.D., minister of Holy Rude Church (East), Stirling, with a magnificent gold chalice, lavishly studded with brilliant jewels of many colours.

Sir William received the chalice as a personal gift, but was informed that he was at liberty to present it to the church which he liked best. The Rev. Mr. Stevenson Stuart is a brother-in-law of the Lord Mayor.

Sir Charles Hyde, the proprietor of the "Birmingham Post" and the "Birmingham Mail," has subscribed £25,000 to the Appeal Fund of the Birmingham hospitals.

Mr. A. H. Munday, technical director of Messrs. Fry's Metal Company, has been visiting South Africa as a delegate to the Empire Mining and Metallurgical Congress, and he recently gave a highly interesting lecture on "The Metallurgy of Print" to a meeting of employers and employees of the printing trade at the Technical Institute, Johannesburg.

Mr. J. W. Miller introduced and welcomed Mr. Munday, who declared himself delighted to find so high a grade of printing in the city and said that the print here compared very favourably with that which is seen in England and on the Continent.

Mr. E. G. Yates, the secretary of the Home Counties branch of the Typographical Association, has been presented with the gold badge of the Association in recognition of his work for the group over a long period.

Mr. L. J. Cumner (assistant secretary, Federation of Master Printers) has been elected to the committee of the Regent Advertising Club.

Mr. W. M. Wallace and **Mr. E. W. Allen** have retired from the board of the Inveresk Paper Company, and have taken up membership of a Technical Management Committee which has now been formed.

Lord Howard of Glossop and **Mr. J. H. Newcomb** have been appointed directors to fill the vacancies thus caused.

Mr. E. A. Crutchley, of the editorial staff of the "Yorkshire Post," has left Leeds to take up the appointment of assistant printer to the Cambridge University Press.

Mr. Henry Futrell, who for twenty years has been a member of the sub-editorial staff of the "Yorkshire Evening Post," has been appointed editor in succession to the late Mr. R. R. Whittaker.

• TRADE LINOTYPE MARK •

YET ANOTHER

• TRADE LINOTYPE MARK •

THE CENTURY EXPANDED SERIES

24-point (24 Δ 917)

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14-point with Italic (14 Δ 907); with Century Bold (14 Δ 915)

TYPE DESIGN WHICH IS SO PERFECT AS TO DELIGHT every eye will still be a *total failure* as a piece of good printing if it conceals the THOUGHT which it is the mission of printing to tell. Type is made to be read, and to express a thought legibly with perfectly correct typography is the greatest triumph that type can attain or

12-point with Italic (12 Δ 906); with Century Bold (12 Δ 914)

THE LINOTYPE OPERATOR MUST BE ABLE to read and *interpret intelligently* a typographical layout. Only in this way can he assist the layout man to give that service which is necessary to the making of a successful and SATISFACTORY work of

10-point with Italic (10 Δ 905); with Century Bold (10 Δ 912)

THE LINOTYPE OPERATOR SHOULD BE ABLE to read and interpret intelligently a typographical layout. Many operators are of course *already in that position* by reason of their early training with movable type, but there are others who have not had the OPPORTUNITY or the

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Binders' Overseers Visit Jackson's Mill

A Pleasant and Profitable Afternoon

With the commendable object of combining pleasure with instruction, the members of the Printing, Book-binding and Kindred Trades Overseers' Association, at the kind invitation of the directors of Messrs. Jackson's Millboard and Paper Co., Ltd. paid a visit to that firm's well-known mills on Saturday, the journey to Bourne End being made by four well-appointed motor coaches. The members, who were accompanied by their ladies, were favoured with excellent weather, which continued throughout the afternoon and evening.

A start was made from the Thames Embankment soon after one o'clock, Bourne End being approached

necessary is derived from an original water-wheel, which is of the old-fashioned breast type with buckets, the shaft, even the clutches being of stout wood. Here the firm's hand-made productions are turned out by skilful vatmen, destined for the various banks and account-book manufacturers, for their ledgers. Much interest was here evinced in the skill shown by the operator in the manipulation of the mould, and in the way in which the resulting boards revealed no variation.

HOSPITALITY

A thorough inspection having been made of the two mills—during the course of which many of the mem-



TWO SNAPS AT JACKSON'S MILL

A few of the 120 Participants. In the left-hand group, seated, are (left to right) Mr. Fred Jackson, Mr. F. H. Jackson, Mr. Tom Goodall, Mr. Robt. Bryan; Standing, Mr. J. H. Jackson, Mr. Tom Hunt, Mr. Maurice Hunt, Mr. J. A. Esler and Mr. M. W. Jackson.

by way of some of the most delightful Buckinghamshire scenery, an experience which was thoroughly enjoyed.

On arrival at the mill gates, the company was met by Mr. Fred Jackson, J.P., C.C., the chairman of the company. After a kindly greeting and welcome, no time was lost in dividing the party into conveniently-sized groups, and the appointment to each of a guide.

THE LOWER MILL

The two mills belonging to the concern—Hedsor and Lower Mills—were each in turn inspected, the raw materials used and the preparatory processes arousing a great deal of interest. At the Lower Mill, members noticed the many improvements carried out since a former visit, and were especially careful in watching the productions of the four board machines in operation. Each machine is driven by a Newton 15 h.p. adjustable speed motor, provided with a Broad-hirst pillar type starter with press-button control. The operations of beaters, strainers, refiners and other apparatus were witnessed with equal enthusiasm, whilst the main drive, provided by a 125 h.p. motor, running at 300 r.p.m., drew admiring attention. With regard to the actual productions of the mill, the party was quick to notice the evident desire of the management to produce exactly the quality required by the board consumer.

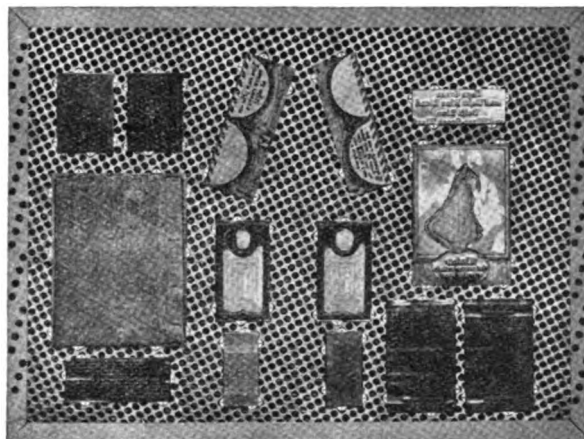
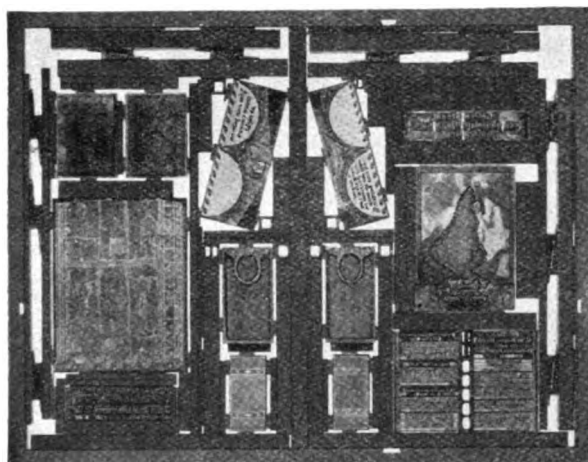
THE HEDSOR MILL

At the Hedsor Mill, the visitors also found much of interest. A considerable amount of the power

bers, whilst expressing very high appreciation of the quality of the boards produced, naturally made numerous inquiries regarding particular varieties encountered in their respective binderies—the visitors made steps to the waiting char-a-bancs en route for Burnham Beeches, a beautiful spot situated a few miles from the mills and where, at Wingroves, at the hospitality of the directors, high tea was served. Mr. Fred Jackson presided, and was supported by Mr. F. H. Jackson, Mr. M. H. Jackson, Mr. J. H. Jackson (directors) and other representatives of the firm, who had done excellent service as guides during the tour of the mills. Amongst the members of the Association present at this happy juncture of the afternoon's proceedings were Messrs. J. A. Esler (president), Maurice Hunt (vice-president), Robert Bryan (secretary), W. F. Cribb (financial secretary), T. Goodall, (the mills' London agent), A. E. Walters, J. A. Gould-bourne, A. J. Daines, Harry Young, G. J. Hellery, B. J. Sansom, J. Fleming, and T. Harrison.

At the conclusion of the ample meal, Mr. Esler, on behalf of the Association, expressed warm approval at the many productions seen at the mills, and referred appreciatively to the kindness shown by the directors of Messrs. Jackson's in inviting the Association to make the visit. The speaker referred to the progress made at the mill, mentioning among other things, the up-to-date character of the machinery that had been installed since the last visit by the Association.

Mr. Jackson, in replying, said he and his co-directors hoped that the members had enjoyed the



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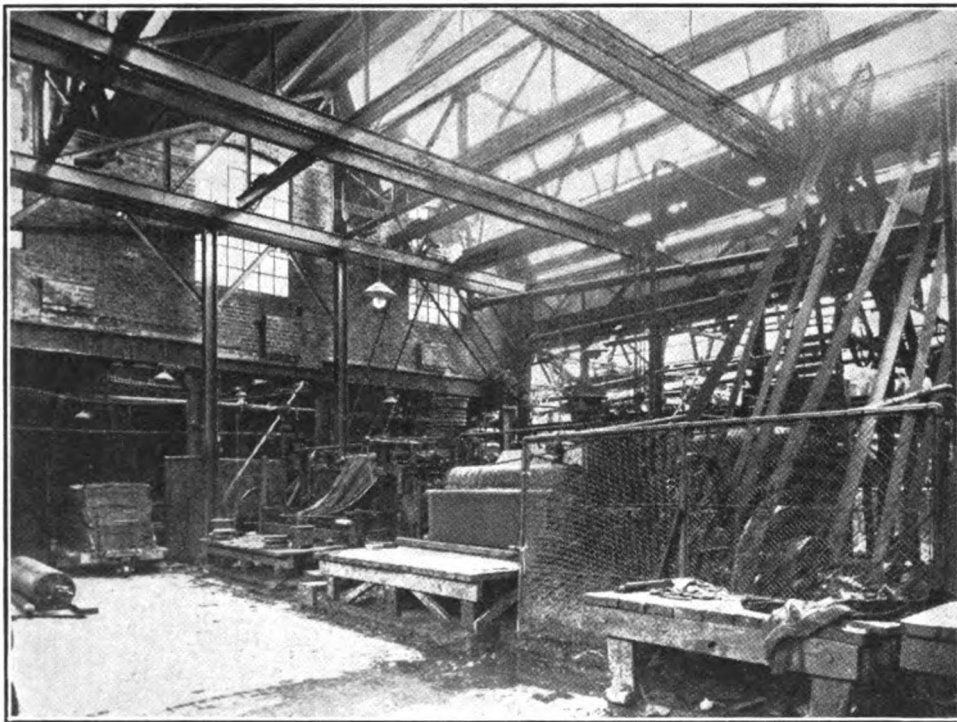
visit, and wished that it would prove to their mutual advantage. They at the mills, he said, took a special delight in trying to supply just that kind of material that was required, and he believed they were meeting with a great amount of success.

Before making tracks for home, a little time was gladly devoted to exploring some of the pretty spots to be found in Burnham Beeches. Home was reached

Cricket for Printers

Yorkshire's Lead

In the cricket-loving county of Yorkshire, it is only natural that a lead should be given to the rest of the country, in that Leeds has since 1905—with the ex-



VIEW OF MACHINE HOUSE AT JACKSON'S LOWER MILL

about 10.30 p.m., the party being unanimously enthusiastic in their praises for the way in which the arrangements had been carried out by the stewards, Messrs. Hunt and Sansom, assisted by Messrs. Bryan, Cribb and Paton.

Forged Printing in Prison

An extraordinary story of forgery being carried out in a prison led to a raid by police recently on the printing department in the Pretoria Central Prison, the largest penal institution in South Africa. Bogus lottery tickets and police warrants are alleged to have been printed in the works. Three prisoners are said to be concerned, and it is believed that they worked with confederates outside the prison. How they had managed in prison of all places to carry out such work is not explained.

MR. KEITH BARLOW, of Kensington, W., chairman of Wiggins, Teape and Co. (1919), Limited, and of Wiggins Teape and Alexander Pirie Merchants Limited, a director of Alexander Pirie and Sons, Limited, and other companies, who died on April 5, aged 39, left estate of the gross value of £88,149, with net personalty £87,056.

ception of the war years—run organised cricket for the printing and allied trades in the city.

The Leeds and District Printing Trades Cricket League has two divisions, consisting of 15 clubs, for the purpose of playing Saturday afternoon League Cricket, the winner of each division holding the Horsell and Master Printers' Shields respectively. Furthermore, an evening knockout competition for the Watson Cup is played during the summer evenings, and some idea of the interest this creates can be gauged when an entry of 16 teams in the printing and allied trades have entered to endeavour to secure the honour of holding this trophy for the next 12 months.

The Leeds Printing Trades League prior to the war had played teams drawn from the printing craft of London and Leicester, and it is hoped that other towns will now be able to get together representative teams so that inter-city matches could, if possible, be arranged in good time for 1931.

A neat little handbook giving full particulars of the working of the League will be sent with great pleasure to any of our readers on application to Mr. A. Senior, hon. secretary, Leeds and District Printing Trades Cricket League, "Redgate," Tinsill Road, Horsforth, Nr. Leeds.

MR. ALFRED SCRIVEN (47), of Ventnor, late of Tudor Court, Cobham, advertising contractor, left £26,365.

Aberdeen's First Printer

No less than thirteen of the now rare volumes printed by Edward Raban, Aberdeen's first printer, came under the hammer at Sotheby's recently. They formed part of the library of Mr. Arthur Kay, the well-known Scottish collector of pictures, books, and glass. Raban was an Englishman, who, in search of a suitable field in which to exercise his craft of printing, went north in 1620, stayed and printed, first, in

Edinburgh, and later in the same year in St. Andrews.

In 1622 he settled in Aberdeen, where he was appointed printer to the town and to the University, receiving a salary of forty pounds Scots from the Town Council. He printed at Aberdeen from 1622 till 1649, and died there in 1658. Of the volumes now referred to, ten were printed in Aberdeen, including the last volume known to have come from his press—"The Old Roman Catholic," by Guild.—*Aberdeen Journal*.

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L.M.P.A. Printing Competition

South-West Wins Trophy

The adjudication took place on Monday of the exhibits submitted in connection with the London Master Printers' Association Inter-District Printing Competition. The result on this occasion is a win for the South-West London M.P.A.

The competition has only been held twice previously, and on both these occasions the West and North-West



THE TROPHY

London M.P.A. were successful. The handsome silver challenge trophy which is awarded to the winners therefore passes to the South-West Association.

Competitive exhibits have been on view all the week with the exception of to-day (Thursday), which is the date of the L.M.P.A. annual general meeting. The last viewing day is to-morrow (Friday).

Truce in Newspaper War

Lord Camrose stated last Thursday at the ordinary general meeting of Allied Newspapers, Limited, that as the result of an agreement made as late as Wednesday with Northcliffe Newspapers, Limited, the latter company had agreed not to start newspapers in Cardiff, Sheffield or Aberdeen.

It was stated at the annual general meeting of Associated Newspapers, Ltd., a few days previously that, according to programme, the Cardiff *Evening World* (due in October) would be followed at short intervals by further *Evening Worlds* in Hull, Birmingham, Preston, Sheffield, Edinburgh, Middlesbrough and Leeds.

L.M.P.A. Elections

At the meeting of the Council of the London Master Printers Association last Thursday, Mr. A. Bonner, F.S.A. (Bonner and Co.), was elected president of the Association for the ensuing year; Mr. Guy Harrison, F.R.A.S., F.R.G.S. (Harrison and Sons), and Mr. J. Crowlesmith, J.P. (Hazell, Watson & Viney), were elected vice-presidents; and the treasurer, Mr. E. C. Austen-Leigh (Spottiswoode, Ballantyne and Co.) was re-elected.

The annual general meeting of the London Master Printers' Association is being held in the Council Chamber, 7, Old Bailey, E.C.4, to-day (Thursday) at 12 noon.

London's Young Master Printers

Enjoyable Cricket Match

A cricket match between the South-East and South-West Young Master Printers of London, was played at Sir Joseph Causton and Sons' Sports Ground at Dulwich on Saturday, by the courtesy of the sports club of that well-known firm.

Many members of the district associations and their friends attended, and everyone enjoyed a happy afternoon. The weather was gloriously fine; the ground a delightful one surrounded by beautiful wooded land; the game attractive to watch, and the tea admirably arranged and served.

The South-West batted first, and, thanks to a fine innings by Mr. J. C. Tacey (33), put together a total of 80. When the tea interval was taken the South-East had lost four wickets for less than 30 runs. On resuming, the South-East were in peril until Mr. F. Mason arrived. He at once opened his shoulders and, hitting all round the wicket, scored a splendid 41, leaving the remaining two wickets to get a few runs; they carried the score to 88, thus giving the South-East the victory by 8 runs.

Mr. E. J. Pegg and Mr. A. Spring were the umpires. After the match, a flannel dance was held at the Grafton Hall, Village Way, Herne Hill, and this was also very successful.

Printers Visit Paper Mills

The Sawston Paper Mills of Spicers, Ltd., are a popular visiting place for master printers, and the latest visitors are the South-East London Master Printers' Association, who visited the mills on Tuesday. A most enjoyable time was spent, the visitors seeing many processes under expert guidance. To-day (Thursday) the Leicester master printers are paying a visit to Sawston Mill.

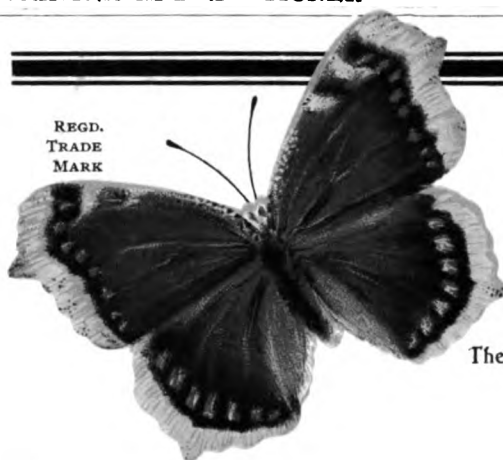
On Wednesday next week some 50 master printers from Portsmouth, with their ladies are being shown over Eynsford Mill, after which they will, by courtesy of Messrs. A. E. Reed and Co., Ltd., proceed to Aylesford Mill. This is one of the educational outings arranged by the Portsmouth M.P.A., and it will indeed live up to its intention, for the party will first see the manufacture of hand-made paper, and will then go on to see the latest machine methods.

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The Aquatone process is usually mentioned by anyone who reviews the outstanding printing processes of the present day, and particularly by those who return from the United States, to tell us of the wonders of the printing industry across the Atlantic. Little first-hand knowledge, however, is available, as the process is a closely-held patent, and in the whole of America there are only two firms printing Aquatone under licence. One of these firms is that of William Edwin Rudge, one of the most famous of American printers. Mr. Rudge has been persuaded by the *Graphic Arts Monthly* (Chicago) to write about the process in the latest issue of that publication, from which we take the following.

MR. W. E. RUDGE EXPLAINS

In the first place (he writes), let me say that we do not consider the Aquatone process as an offset process, even though we do use offset presses in printing the sheets. Actually it is a photographic printing process, resembling collotype in many respects, the printing being done direct from the photographic film. My own feeling about it is that it is the most important development in printing since the invention of the typesetting machine, and I believe that it will play a large part in the production of illustrated books in the future.

The first thing necessary when an Aquatone plate is to be made is to get out one of the large gelatin-coated zinc plates, about 40 by 50 inches in size and one-fiftieth of an inch thick, which are constantly kept on hand, place it on the Aquatone whirler, where it is washed with cold water to soften the surface, and then sensitize it with a chemical solution in a darkened room. After that the plate is again put on the whirler, which rotates it and dries it at a temperature fixed by a heat control which is part of its equipment—all of which only takes about a quarter of an hour. While this has been going on, the negatives, which have been stripped into position in the usual way, have been placed on the printing frame.

The plate is then lifted from the whirler, placed in contact with the negatives, held in position by vacuum, and exposed to the light of a strong arc lamp, after which the plate is taken out of the printing frame and immersed in a developing bath. Then it is put in the whirler again, washed with cold water, and baked. All this work has taken about three-quarters of an hour, and now the Aquatone plate may be hung up for future use or placed immediately on the press.

When the job is to be run, the plate is clamped to an offset press and a very heavy body ink is used. The press may be run up to thirty-five hundred impressions an hour; the average life of a plate is twenty thousand impressions, and, as may be seen, the making of a new plate is a comparatively simple matter.

MAGNIFICENT WORK ACCOMPLISHED

The mention of three or four books recently printed by the Aquatone process may serve to indicate its superior qualities in fine book printing, both general and commercial, and its adaptability to various kinds of work. Particular attention might first be given to the reproductions of old letters and documents in the

superb eighteen-volume edition of the "Private Papers of James Boswell," which so perfectly copy the faded ink and discoloured paper of the originals that they might easily be thought to be the originals themselves. As the various volumes of this set contain a remarkable variety of these reproduced papers, this naturally went a long way in leading bibliophiles to take up the limited edition of these books rapidly.

Another excellent example of Aquatone work in fine books is to be seen in the handsome volume written by William K. Vanderbilt to describe a cruise made in his steam yacht to the Galápagos Islands, a volume filled with photographs taken by Mr. Vanderbilt, including many specimens of strange and unfamiliar fishes, all of which show the details of the photograph with vivid clearness, but at the same time have an exceptional softness and an artistry which is unusual in printed reproductions.

Then there is the large illustrated brochure which has recently been completed for Knox College, Galesburg, Illinois, with the title, "Memorials in American Colleges"—a book with many reproductions of photographs of college memorial buildings already built and architectural sketches of several more which are planned. This volume is somewhat exceptional, for it shows the use of Aquatone on both illustrations and text, and both are printed on a rough laid antique paper with a particularly pleasing result, the illustrations appearing as veritable works of art and the text carrying a full and even colour.

Finally, let me mention the brochure "Linotype Leadership," which we have just made for the Mergenthaler Linotype Company, a book which I consider one of the most outstanding pieces of commercial work ever produced. It is filled with mechanical photographs, retouched, phantom, highlight, cut-out, etc., which describe by illustration all of the working parts of the Linotype machine as they have been developed through nearly half a century of mechanical progress with perfection in composition and adaptability to requirements as the aim.

J.I.C. Convention

For the annual convention of the Joint Industrial Council, to be held in London this year, on July 3rd, Stationers' Hall has been provisionally booked, and it is expected that the Lord Mayor will be able to attend and speak about the Council and its work. The chairman of the Council, Mr. E. H. Lee, will preside, and will entertain the delegates to tea.

The morning subject for discussion will be "Aims and Objects of the J.I.C." This will be opened by Mr. T. E. Naylor, M.P., who will find much material under the heading to evoke a most interesting discussion. Mr. William Maxwell, who has been president of the Master Printers' Federation during the past year, will speak about the selection and training of apprentices, a matter upon which he is an authority. It is understood that he is to advocate a regular selective process after three examination tests—medical, educational and vocational.

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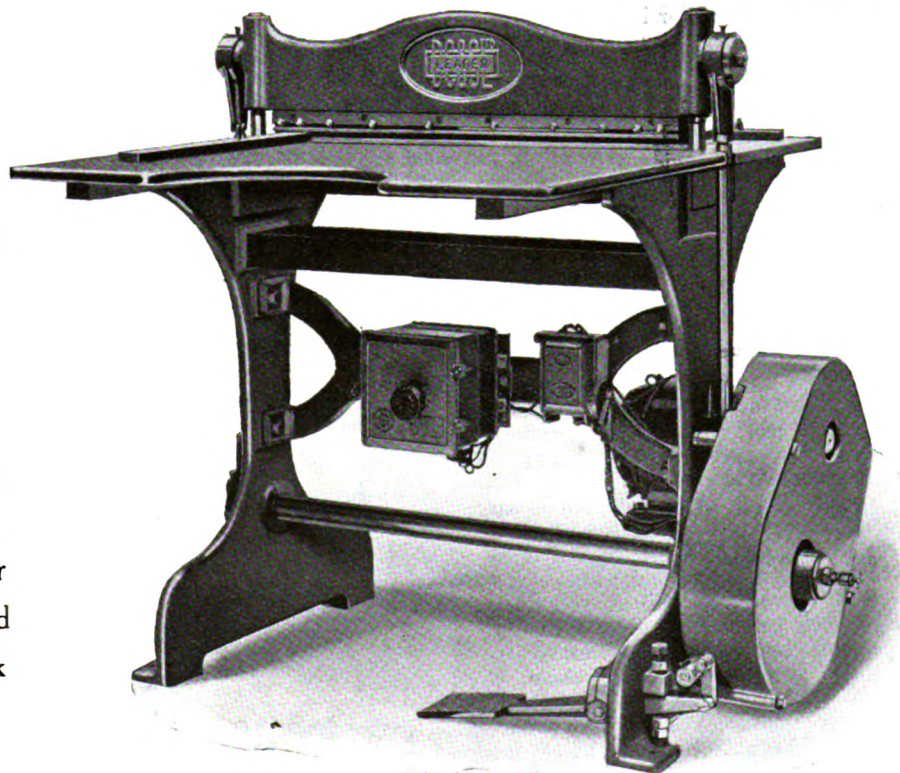
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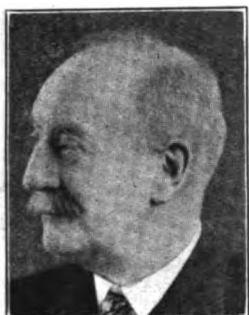
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Who's Who in Printing

MR. H. BASIL CAHUSAC

Thirty-eight years ago, Mr. H. Basil Cahusac became secretary of the Solicitors' Law Stationery Society. At that time the turnover was £20,000 and the business was being run at a loss. To-day, with Mr.



MR. H. BASIL CAHUSAC

Cahusac as managing director, the Society is a powerful and flourishing concern; its balance sheet for the past year's working shows a profit of £51,467, of which £19,542 went to employees in connection with the firms' profit-sharing scheme. That alone speaks volumes for the enterprise, initiative and business ability of Mr. Cahusac, but one can scarcely contact him without realising that he is also a keen student of human nature, and one who understands and sympathises with his workpeople, thereby gaining their confidence and respect.

It is characteristic of Mr. Cahusac that he will not talk about himself, but, when interviewed the other day, he told us with enthusiasm about the growth of the Solicitors' Law Stationery Society. "We opened our own printing works in 1896," he said, "with a 'plant' consisting of one second-hand double demy wharfedale, a second-hand gas engine and one crown folio 'Mitre' machine. There were six 'comps'—three union and three non-union men—and, of course, a machine minder." The Society to-day, we gathered—with flourishing branches in Manchester, Liverpool and Glasgow—employs 678 workpeople, each of whom participates in the firm's scheme of profit sharing, provided that he or she has served for the whole of the year in which the profits are made.

Asked about the profit-sharing system, which is an outstanding feature of this firm, Mr. Cahusac showed at once that he has all the details at his fingers' ends and can give facts and figures to illustrate every point. The scheme was inaugurated in 1912, and since then a share of the profits has been paid to the staff annually. In respect of last year it amounted to 16 per cent. upon their remunerations, or about 8 week's money to each. Mr. Cahusac said "I cannot understand any business man not adopting profit-sharing. He will himself be able to draw more out of his business than if there were no profit sharing. The employees are entitled to a share of excess profits after the shareholders have received a reasonable return on their capital," he continued. "They are the productive factors in the business, and deserve to participate in excess profits just as much as the shareholders who sit at home." Mr. Cahusac spoke also of the excellent contributory pension scheme run by the Society, by which an employee retires on half salary at the age of 65, after 30 years service; 29/60 after 29 years' service and so on.

Least it should be thought that Mr. Cahusac's work has been confined to the Solicitors' Law Stationery Society, one may point to his active work for the Master Printers' organisation. A member of the Open House Committee of the London Master Printers' Association, he was chairman of the committee

for 1915-16, whilst he is a member both of the L.M.P.A. Council (vice-president, 1927 and 1928) and of the Federation council. He was first chairman of the Printing Trades Alliance, and has been chairman of the Printers' Provident Association since 1912. As one of the members of the first Betterment Conference which resulted in the Joint Industrial Council being set up, he also did much valuable work.

Printers' War Orphan Fund Final Effort

At the commencement of this year there were still 220 children whose fathers fell in the Great War being supported by the Printers' War Orphan Fund, organised by the Printers' Pension Corporation. Special flag days were arranged by this Joint Industrial Council from 1923 onwards, when the fund was in a somewhat critical position, and by this means a sum of over twenty-seven thousand pounds has been raised.

The Council is anxious that the final effort, which will be made on the second pay day in July, will result in raising sufficient to enable the fund to meet all demands upon it until the last war orphan has left school.

The Council is circulating copies of a poster for exhibition in printing works, and suggests that the best results have been obtained where someone has been appointed in each establishment to be responsible for collecting contributions or organising the selling of flags in all departments; if volunteers are appealed for they will be forthcoming.

It will facilitate arrangements if firms will make early application for the posters, collecting sheets and flags desired. No charge is made for the flags or collecting sheets, nor is any price fixed at which the flags should be sold.

The Organisation Committee is confident that the support which has been given during the past seven years will again be extended, and that the industry may be justly proud that this effort has been successfully carried through.

THE *Sunday Times*, of Sydney, Australia, which, during the past ten years has had 20 editors and eight managers, has just ceased publication.



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Printing Equipment for Canada

Tariff Changes

The new Canadian Budget resolutions include, as already briefly announced, reductions under all tariffs in the duties on a wide range of printing machinery and equipment, and in most cases free entry is conceded under the British Preferential Tariff. Details are now available of these tariff provisions, which took effect provisionally as from May 2nd.

The provisions of the tariffs on the goods of special interest to the printing and allied trades are given in the following table. Unless otherwise specified (in parenthesis), these goods are admitted free under the British Preferential Tariff.

THE NEW PROVISIONS

Tariff Item	Inter-mediate Tariff	General Tariff
412 Machinery, being newspaper printing presses, of not less value by retail than \$1,500 each, of a class or kind not made in Canada	Free	Free
412a Machinery and apparatus, n.o.p., viz.: printing presses and type-making accessories therefor; electrotyping and stereotyping machines; gun and mould apparatus for making press rollers; lithographic presses; offset presses; book-binding machines; embossing machines; engraving machines; photo-engraving apparatus; machines and apparatus for transferring by photographic processes to plates or rolls for use in lithography, rotogravure and printing; machines for graining metal plates; machines for sensitizing metal plates; machines for addressing and wrapping newspapers, magazines, periodicals, pamphlets, and catalogues; machines for bronzing, creasing, scoring, cutting, perforating, punching, gathering, gumming, pasting, jogging, numbering, patching, slitting, re-winding, ruling, sheet-piling, stitching, stripping or varnishing; all the above, including repair parts but not including saws, knives and motive power, when for use exclusively by printers, bookbinders, paper manufacturers, paper converters and by manufacturers of articles made from paper or cardboard.	5 p.c.	10 p.c.
412b Flat-bed cylinder printing presses, to print sheets of a size 25 x 38 inches or larger, and complete parts thereof; machines designed to fold or sheet-feed paper or cardboard, and complete parts thereof	5 p.c.	10 p.c.
412c Typesetting and typesetting machines and parts thereof for use in printing offices	Free	Free
533a Stereotypers' and typecasters' blankets or blanketing and press blankets or blanketing used for printing presses, of a class or kind not made in Canada	5 p.c.	10 p.c.
472 Plates engraved on wood, steel, or other metal and transfers taken from the same, n.o.p.; engravers' plates of steel, or other metal, polished or otherwise processed, for engraving thereon (British Preferential Tariff, 10 p.c.)	15 p.c.	20 p.c.
473 Plates for printing in two or more colours, including electrotypes, nickeltypes, and all engravings on steel or other metal, for use exclusively in printing	15 p.c.	20 p.c.

Tariff Item	Inter-mediate Tariff	General Tariff
474 Stereotypes, electrotypes and celluloids, for almanacs, calendars, illustrated pamphlets, newspaper or other advertisements, n.o.p.; and matrices or copper shells for such stereotypes, electrotypes and celluloids, per square inch (British Preferential Tariff, 1 cent) ..	1½ cents	1½ cents
475 Stereotypes, electrotypes and celluloids of books, and bases and matrices and copper shells for the same, whether composed wholly or in part of metal or celluloid	Free	Free
475a Stereotypes, electrotypes, celluloids and bases for the same, composed wholly or in part of metal or celluloid, n.o.p., and copper shells for such stereotypes, electrotypes and celluloids, per square inch (British Preferential Tariff, ½ cent)	½ cent	½ cent
475b Matrices for stereotypes, electrotypes and celluloids described in item 475a, per square inch (British Preferential Tariff, ½ cent)	½ cent	½ cent
502 Lithographic stones, not engraved	17½ p.c.	20 p.c.
698a Metal sheets for use only in making Braille printing plates, typewriters with Braille characters on the keys and writing appliances for use only by the blind	Free	Free

PRINT FOR COSTA RICA.—As from April 26th, the duty on commercial printed matter, imported into Costa Rica, is increased from ½ colon to 5 colones per kilogram.

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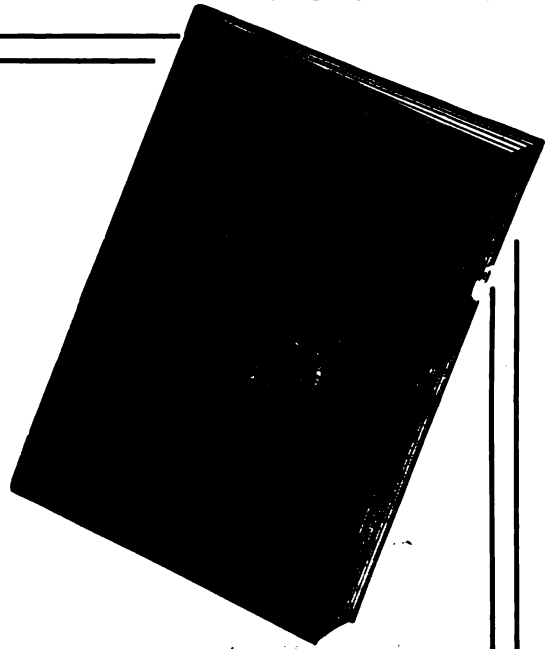
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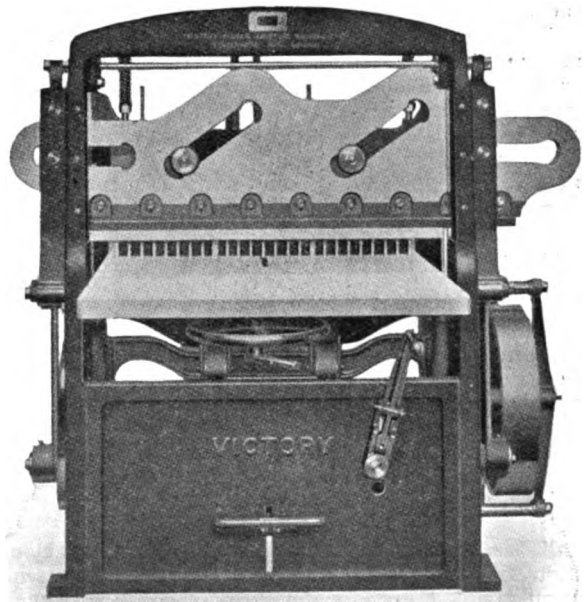
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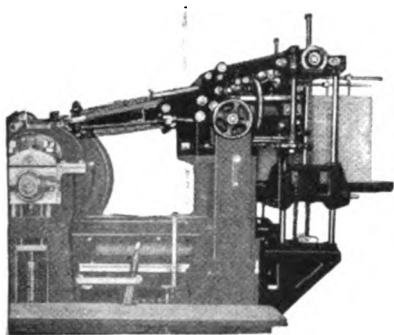
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The "Simplex" Feeder

New Agency

Messrs. John and Wm. Burt and Sons, Ltd., of 156, Caledonian Road, London, N.1, the well-known "Auto-Phoenix" agents, have been appointed sole agents in Great Britain and Ireland for the "Simplex" Automatic Sheet Feeder. The Simplex feeder, of which between two thousand and three thousand have been sold, has been marketed in this country now for some years, but of late the agency lapsed. Its being taken up by a well-established firm of printers' engineers should prove beneficial to all installing these feeders



"SIMPLEX" FEEDER

FITTED TO A TWO-REVOLUTION PRESS

in future, for the reliability of the firm selling machinery is worth a great deal in after service.

Messrs. John and Wm. Burt and Sons inform us that the Simplex feeder gives no frictional or bruising action whatsoever on the paper being fed. Any stock from a tissue to a six-sheet board can be fed, and the speed is only determined by the press or the rate at which the work will print well. Of register one can be assured at all speeds of dead accuracy, and often Simplex feeders have been called on to feed trichromatic work at high speeds on difficult stock, where other feeders have failed, and the Simplex has easily succeeded. The register "settings" are simple and easy to make.

A time-saving feature is the accessibility and ease with which Simplex feeders are loaded. On the deep-pile models auxiliary boards can be used, so that while one pile of paper is being fed the next can be stacked up ready to push into the feeder, and the run is resumed within a minute of finishing the other pile. An outstanding feature is the automatic side-lay mechanism. It is a small solid fool-proof unit which slides freely across the board, and by the turning of a small screw is fixed for working. It has a clamp action, similar to that of a human hand, which reaches out and takes the sheet in from any distance between a thin lead and half-inch towards the register plate. The pile board rests on ball rollers and is adjustable in an instant left or right, to bring the sheet travelling towards the front marks within the required reach of the side-lay mechanism.

The Simplex feeding method is a patented combined separating-lifting-suction system, with action along the full width of the sheet at the top of the pile. It fans out by air pressure only, and detaches the front edge of the top sheet, raising it clear of the pile to the descending suckers. All waves are straightened out,

and thin porous stock may be fed without risk of doubles. The sucker bar tilts in its movement when the separating-lifting blast comes into play, thus acting to detach and force down any sheets that tend to cling to the upper one, either through being very porous or from the presence of static electricity. A bad lay or no sheet fed checks the impression and interrupts further feeding. The controls and running adjustments are most simple, and throughout the feeder is finely and strongly constructed.

There are models built for every type of printing machine, all having special merits for their various work, but the above mention of the general features will serve to show that those interested in feeders will do well to inquire further of the new agents.

New British Patents

APPLICATIONS

- Addressograph Co. Printing machines. 15,808.
- British Colour Printing Co., Ltd. Means for advertising. 15,389.
- Butterworth, G. Lithographic, etc., printing. 16,062.
- Czerweny, V. Machines for continuous production and filling of boxes, etc. 15,972.
- Dawson, Payne and Elliott, Ltd., and Stott, E. Feed boards of printing, etc., machines. 15,575.
- Gibson, W. Web-feeding mechanism for printing, etc., machines. 15,593.
- Haythornthwaite, J. J. Sheet-feeding mechanism. 15,571.
- Holmes and Co., Ltd., J. H. Web-feeding mechanism for printing, etc., machines. 15,593.
- Igranic Electric Co., Ltd., Mackley, A. H., Stone, N. L. W., and Taylor, J. R. 15,834.
- Marshall, C. W. Delivery mechanism for printing machines. 15,846.
- Modolell, J. O. Manufacture of envelopes. 15,878.
- Straaten, L. O. van. Production of clichés for multi-colour prints, lantern slides, etc. 15,799.
- Thompson, F. S., and Thompson and Son, Ltd., T. C. Platen printing presses. 15,992.
- Triggs (Wood Newspaper Machinery Corporation). Stereotype printing plates. 15,295.
- Wade, H. (American Multigraph Co.). Plate-feeding mechanism for addressing machines. 15,966.

SPECIFICATIONS PUBLISHED

1929

- Addressograph, Ltd., and Eley, A. Addressing machines and other similar printing machines. 329,378.
- Beasley, H. H., Sargent, T., and Strachan and Henshaw, Ltd. Inking mechanism for printing machines. 329,581.
- Just, F. Printing rollers of printing plates. 329,588.
- Rockstroh, W. Sheet-feeding apparatus for printing machines. 312,158.

COMPLETE SPECIFICATION OPEN TO PUBLIC INSPECTION BEFORE ACCEPTANCE

1930

- Akt.-Ges. für Chemische Produkte vorm H. Scheide-maneld and Wachtel, W. Process for the manufacture of plastic masses for printing rollers, hectographs, and the like. 14,848.

Printing a Sunday Newspaper

Young Master Printers Visit the "News of the World"

A party of nearly a hundred young Master Printers, connected with the London Master Printers' Association, paid a visit the other day to the new printing works of the *News of the World*. One of the party, Miss Frances E. Johns, supplies the following impressions of what proved a very instructive tour of an up-to-date plant:—

The otherwise unwieldy party formed itself into groups of fifteen, and each under the kindly pilotage of a member of the *News of the World* staff enjoyed an absorbingly interesting inspection of the progressive stages through which the Sunday paper passes before being hurled down the chute into the waiting van below and so out into an expectant world.

Following our guide, we visited the tape machine and watched the preparation of "copy" ready for the hands of the compositor. From there our attention was arrested by the wonderful operation of the Lino-type machines whose ingenious devices were carefully demonstrated to us. A long halt was called before the large cauldrons of molten metal and machinery for the fashioning of the stereo ready for the rotary press.

The intricate immensity of the newspaper press is an entirely engrossing spectacle. From the induction of the reel of paper, we witnessed, amid the incessant roar of running machinery, the white stream wind its way about the perfectly regulated rollers, till it finally emerged as the printed, cut and folded newspaper and travelled up and out of sight into the busy packing room above.

An additional interest in this new building is the disclosure of a portion of the Whitefriars monastery, which existed on that spot through the thirteenth century and which was brought to light during the course of excavations for the foundations of the present building. This unearched cell has been left exactly as it was revealed, and the Young Master Printers were privileged to climb through the narrow entrance and look upon this specimen of medieval architecture.

At the conclusion of the tour the party returned to the Board Room and enjoyed the liberal refreshments so thoughtfully provided.

Mr. Alfred Langley, the president of the L.M.P.A., expressed to Mr. Aldridge, the general manager, the Association's deep sense of appreciation to the pro-

prietors for their courtesy in giving the party the privilege of viewing their splendid works and for their generous hospitality that evening. Mr. J. C. Tacey, a young master printer, cordially seconded Mr. Langley's remarks.

Mr. Aldridge, replying, said the proprietors were proud of their works, and were quite ready at any time to give facilities to properly accredited parties to pay a visit.

During the evening Mr. Langley by a happy thought sent a telegram from the party to Lord Riddell, conveying the greetings of the Young Master Printers to him on the occasion of his birthday, which was the following day. Lord Riddell's telegram in reply clearly showed how much he appreciated the message.

Selectasine Development

An important development in the Selectasine process of colour printing has taken place with the introduction by Selectasine Patents, Ltd., of an automatic power-driven colour-printing press.

The new press, which is on view this week at the firm's address, 29-30, Shoe Lane, E.C.4, marks the transition stage of Selectasine printing from hand to machine. Whereas hitherto the colour has been applied through silk on to the printing material by hand, the whole process is now carried out by the machine, which runs easily at 1,600 impressions per hour, and, we understand, will run up to 2,000 per hour with perfect results.

The advantages of this oil-colour stencilling process include really good printings, economy of working and the fact that it will print on almost any substance.

New offices, which provide an increase of about 50 per cent. in floor space, have been taken over by Messrs. T. & A. Constable, the Edinburgh printers and publishers.

A WIDE range of papers, boards and envelopes is included in the latest set of samples issued by Spicers, Ltd., and the qualities are suitable to every purpose and need. The papers embrace printings, writings and wrappings. There are some high-grade papers as well as ordinary qualities. Among the former are "British Bond" (watermarked), "Kent County" deckle tinted mould made, and "Attracta" duplicator. There are also tinted, S.C., and esparto printings, etc., all competitive lines.

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Country News

AIRDRIE

THE *Airdrie and Coatbridge Advertiser* has just attained the 75th anniversary of its birth as the local paper of the Monklands district of Lanarkshire. The directors of the firm, Baird and Hamilton, Ltd., the printers and publishers, celebrated the occasion by entertaining the whole of the staff and employees, with friends, to a motor outing.

BELFAST

TRIBUTES to the memory of Mr. Henry Taylor Whitley, late secretary of the Belfast Branch of the Typographical Association, were paid at a meeting of the Executive Committee of the Belfast Printing Trades Employers' Association, held at 7, Donegall Square West, last week, when, on the motion of Sir Robert Baird, D.L. (Messrs. W. and G. Baird, Ltd.), seconded by Mr. W. G. Graham (Messrs. Graham and Heslip), a resolution was passed, expressing high appreciation of the deceased's character and work, all present standing.

BRISTOL

IN order to celebrate the fiftieth anniversary of his connection with the firm of Mardon, Son and Hall, Captain E. G. Mardon, R.N.V.R. entertained the employees of the firm and a few friends to tea, at the Clifton Zoological Gardens on Saturday. It is estimated that over 5,000 persons were present. In order to mark the event and to show appreciation of Capt. Mardon, the employees, to the number of 4,000, presented him with a solid gold dessert service. At the presentation ceremony, Mr. Victor L. Young presided, and Mr. E. J. Reed (who was introduced by Captain C. L. Stretton) handed the service over. Captain Mardon suitably acknowledged the gift. The weather was delightfully fine, and the large company spent a happy time witnessing sports, folk dancing, a comic football match, etc.

AN exhibition of modern commercial printing, got together by the Bristol group of the Design and Industries Association, was opened at the rooms of the Clifton Arts Club on Monday. There was a fine collection of printing, not only from Bristol firms, but from those in other parts of the country. The exhibition was opened by a lecture by Mrs. Beatrice Warde (Lanston Monotype Corporation), who took for her subject, "Printing for a Purpose."

THE annual outing of the firm of Allen, Davies and Co., Ltd., took place to Torquay on Saturday. The party numbered 96, and, the weather being fine, a most enjoyable day was spent.

CHELTENHAM

MESSRS. EDWARD J. BURROW AND CO., LTD., printers and publishers, Cheltenham, have purchased sixteen acres of land, which will be converted for recreative purposes for the use of the staff.

DUNDEE

A PROMISING life has been cut short by the death of Mr. Alex. Walston, overseer of the *Dundee Courier* jobbing printing department.

NEWCASTLE-ON-TYNE

THERE have been many indications of regret at the death of Mr. James Hodge, of Croydon Road, Newcastle, who has passed away at the age of 78. Mr.

Hodge was overseer on the defunct *Newcastle Leader*, and among veterans in the history of the *Newcastle Chronicle* publications who paid a last tribute were Messrs. W. H. Capel, J. G. Grainger, W. H. Lee, and H. Chilton.

NORTH SHIELDS

THE *Shields Hustler*, a bright and breezy advertising Journal, owned and edited by Mr. J. Wallace Black, of North Shields, issued a handsome souvenir number to mark its twenty-five years' existence.

NORTH WALES

THE Annual Outing of North Wales Alliance of Master Printers took place at Llangollen on Monday. Amongst the visitors was Mr. F. H. Bisset (secretary of the Federation).

STRATFORD-ON-AVON

STRATFORD-ON-AVON T. C. has approved plans submitted by Mr. F. W. B. Yorke, F.R.I.B.A., architect, of Evesham Street, Redditch, for printing works in Chapel Street, for Messrs Ed. Fox and Son, Ltd.

SUNDERLAND

MR. ALFRED WILKINSON, head of the well-known Sunderland firm of Wilkinson and Co., photographers and printers, and an associate of Sir Joseph Swan, the inventor of photographic dry plate fame, has died in Sunderland.

WIGAN

GEORGE FOSTER, aged 28, of Wigan, was remanded for a week at Wigan on Saturday on a charge of having in his custody, without lawful authority, paper intended to resemble and pass as special paper such as is provided and used for making Bank of England notes. The Chief Constable stated that for some time a number of forged £1 notes had been in circulation in Wigan. A warrant was obtained and detectives went to Foster's house. The police found, among other articles, bottles of various coloured inks, a box of crayons, mapping pens, artists' brushes, a magnifying glass, a quantity of pieces of paper coloured to resemble the water-mark of a £1 Bank of England note, and an unfinished face of a Bank of England note.

PRIZE HORSE VANS.—The teams of greys in Fry's Metal Foundries horse vans are a familiar sight in Fleet Street, and it is interesting to learn that at the Horse Van Parade in Regent's Park on Whit Monday, all three turn-outs secured "firsts." Between them they now sport twenty-three "firsts" and two "seconds."

MESSRS. SAMUEL JONES AND CO., LTD., the well-known paper-makers, are amongst the most enterprising firms in respect of advertising. We notice they are now breaking new ground by advertising "Bride-well Bond" notepaper in the Post Office book of stamps.

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Machine Compositors' Vigilance Association

The shortage of machine operators, customary at this period of the year, formed the principal feature of the report presented to the quarterly meeting of the Machine Compositors' Vigilance Association on Friday, at the L.S.C. offices. The chairman of the Association, Mr. J. F. D. Dixon, presided.

The report, which was read by Mr. A. Henwood (secretary), stated that the scarcity of operators, which, from one point of view might be regarded as very desirable, emphasised the contention put forward on previous occasions that the inducement of 1s. extra per day was not sufficient to tempt the hand compositor to take up either of the composing machines. It was suggested that, until such time as the policy of the Association was fully successful and all machines were worked on piece, the stab rate for operators should be increased.

Receipts and expenditure showed a deficit, due to the fact that the financial statement covered a period of 4½ months, and included only one quarterly meeting. Expenditure totalled £472 13s. 6d., and receipts amounted to £142 19s. 6d.

The hon. secretary of the Pension Fund reported that as a result of the recent annual dinner the sum of £160 3s. had been paid to the Printers' Pension Corporation. This latest addition made a total of £200 standing to the credit of Pension No. 5.

Mr. F. W. GLOSSOP, (56), of Penylan, Cardiff, printer and bookseller left £10,389 (net personalty) £9,959).



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A trade organisation is judged by the generosity of the benefits it provides for its members.

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The Society is the pioneer in the printing trade of the movement for joint associations of employers and employed.

It is the originator of the scheme for contributory insurance whereby employers assist in providing benefits of a reasonable nature for workers engaged in the craft.

Forms of application for membership and further information with pleasure from the Secretary:—

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Dividends and Reports

HAZELL, WATSON AND VINEY.—The net profit of Hazell, Watson and Viney, printers and bookbinders, for the year ended March 31st amounted to £57,943 (against £47,197 for 1928–29), out of which the preference share dividend absorbs £4,800. A final dividend of 7 per cent. is proposed on the ordinary and employees' shares, making 10 per cent., free of tax, for the year (against 9 per cent., free of tax), while £3,600 is to be allocated to special staff bonus and £13,000 (against £10,000) is to be added to the general reserve, making it £120,000. The carry-forward is increased from £27,516 to £29,172.

HUTCHINSON PRINTING TRUST.—Net profit for 1929 of £53,237 (against £48,410 for 1928). The dividend is to be maintained at 10 per cent. and £5,000 is again written off preliminary expenses, etc., leaving £24,685 (against £20,158) to be carried forward. All the ordinary shares are held by Hutchinson and Co. (Publishers), Ltd.

HUTCHINSON AND CO. (PUBLISHERS).—Profit for 1929, £50,353 (against £40,339). Final ordinary dividend 5 per cent., making 10 per cent. (same); underwriting commission of £7,500 written off; forward, £16,649, against £14,495.

BRADBURY, WILKINSON AND CO.—These bank note printers earned a net profit of £28,942 for 1929, compared with the 1928 figure of £45,936, which included a refund of excess profits tax amounting to £4,796. The dividend is maintained at 6 per cent., tax free, and £101,905 is carried forward (against £96,109 last year, when £5,000 was reserved for income tax).

New Companies

WALTER GOLDSMITH AND CO., LTD.—Capital £8,000, in £1 shares; to acquire the business of a newspaper proprietor, printer, publisher, advertising contractor and agent, bookseller and journalist, carried on by W. L. Goldsmith at

46, Lincoln's-inn-fields, W.C.2. Private company. Directors: W. L. Goldsmith and N. W. Grigg. Solicitors: Peacock and Goddard, Gray's-inn, W.C.1.

WINTER AND WORSFOLD, LTD.—Capital £1,000, in £1 shares; general and copperplate printers, lithographers, engravers, publishers, book and print sellers, bookbinders, advertising agents, contractors and designers, etc. Private company. Directors: J. H. Winter, F. C. Worsfold, Mrs. C. Worsfold and W. Butcher. Registered office: Undenestreet, Tooting, S.W.17.

PREMIER ENGRAVING CO., LTD.—Capital £1,000, in £1 shares; engravers, publishers, copyers or reproducers by chemical, mechanical, radiological or manual processes, etc. Private company. Directors: J. Warren and J. C. Dann, 11, Molesworth-street, Dublin, accountant.

PROMOTIONS, LTD.—Capital £1,000, in £1 shares; publicity agents, printers and publishers, organisers or promoters of sports meetings, etc. Private company. Directors: E. M. Wilson, Howth Pier, Coliemore-road, Dalkey, accountant, and J. McGrath.

KIRK STUDIOS, LTD.—Capital £300, in £1 shares; manufacturers of printing and photographic plates, printers, stationers, manufacturers of and dealers in general artists' and press work, etc. Private company. Directors: W. T. Kirk, G. Morley and W. C. Hood. Registered office: 9, Gough-square, Fleet-street, E.C.4.

JOHN N. MACKINLAY AND CO., LTD.—Capital £1,500, in £1 shares; booksellers, librarians, stationers and printers, newsagents and bookbinders, etc. Private company. Directors: R. Bell and Mrs. Elizabeth W. Bell. Registered office: 488, Sauchiehall-street, Glasgow.

JOHN VERNEY, LTD.—Capital £500, in £1 shares (100 10 per cent. cumulative preference and 400 ordinary); newspaper, magazine, periodical and journal proprietors, press agents, newsagents, advertising and publicity agents, printers, etc. Private company. First directors not named. Registered office: 36, Furnival-street, E.C.

PLANET PICTURES, LTD.—Capital £500, in £1 shares; manufacturers of and dealers in commercial and all other engravings, printers, illustrations of all kinds, agents for authors, etc. Private company. Directors: M. H. Wallenstein and C. F. Bird. Registered office: 3, Johnson's-court, Fleet-street, E.C.

STILLWELL AND POKE, LTD.—Capital £2,100, in £1 shares (1,500 founders' and 600 ordinary); to acquire the business of newspaper, book and periodical distributors and dealers and stationers now carried on by W. H. Stillwell, F. R. Poke and A. Poke as "Stillwell and Poke," at Portsmouth. Private company. Directors: W. H. Stillwell, F. R. Poke and A. Poke. Registered office: 347–349, Somers-road North, Portsmouth.

LONDON MEDICAL AGENCY, LTD.—Capital £60, in £1 shares; to acquire the businesses known as the George H. Wales Publishing Co. and the London Medical Agency, both of 26, Charing-cross-road, W.C.2, and the business known as W. H. Jacklen, of 76, Newgate-street, E.C.1. Printers, publishers, journalists, magazine proprietors, dealers in surgical and other appliances, etc. Private company. Directors: G. H. Wales, L. H. Woodford and O. W. Newman. Registered office: 91, St. Martin's-lane, W.C.2.

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Mortgages and Charges

EDWARDS AND SONS (OF REGENT-STREET), LTD. (stationers, printers, etc., 116, Regent-street, W.).—Satisfaction to the extent of £12,000 (being amount issued) on various dates from March 19th to June 5th, 1930, of second debentures authorised October 22nd, 1929, and registered November 8th, 1929, securing £15,000.

PAWSON AND BRAILSFORD, LTD. (printers, stationers, etc., Mulberry-street, Sheffield).—Satisfaction to the extent of £14,000 on June 4th, 1930, of debentures authorised April 30th, 1923, and registered May 16th, 1923.

HARDING AND CURTIS, LTD. (printers, etc., 3 Wood-street, Bath).—Mortgage on Somerset Hall, Somerset-street, Bath, with fixtures, dated May 10th, 1930, to secure all moneys due or to become due from the company to the Midland Bank, Ltd.

BIDDLES, LTD. (printers, manufacturing stationers, etc.).—Mortgage on 10, High-street, Guildford, with fixtures, etc., dated May 20th, 1930, to secure all moneys due or to become due from the company to the Midland Bank, Ltd.

SALTOUN PUBLICATIONS, LTD. (Bishopsgate House, 80, Bishopsgate, E.C.2).—Debenture dated May 28th, 1930, to secure £500, charged on the company's undertaking and property, present and future, including uncalled capital. Holder: Bristol Trust, Ltd., Shannon-court Bristol.

DRAWING OFFICE SUPPLIES, LTD. (51, Cheapside, E.C.).—Satisfaction to the extent of £1,000 on May 9th, 1930, of debentures authorised August 19th, 1921, and registered August 26th, 1921. (According to the register of mortgages, the debentures registered August 26th, 1921, originally secured £44,000.)

LEAMINGTON SPA COURIER, LTD. (newspaper proprietors, etc., 66, Bedford-street, Leamington Spa).—Mortgage dated January 30th, 1930, to secure £3,969, charged on a freehold factory and premises in Vicarage-street, Nuneaton. Holders: Leamington Warwick and South Warwickshire Permanent Benefit Building Society, 23A, Regent-street, Leamington Spa. (Registered May 12th, by permission of the court.)

C. H. MAJOR AND CO., LTD. (newspaper proprietors, etc., Lumley-road, Skegness).—Mortgage dated June 6th, 1925, charged on 41, Lumley-road, Skegness (property acquired April 20th, 1929), on which £500 was owing on November 1st, 1929. (Now registered pursuant to Section 91 of the Companies Act, 1929.) Mortgagee: T. Bannister, North Shore-road, Skegness.

GOLFING, LTD. (newspaper proprietors, etc., 222, Strand, W.C.).—Debenture dated May 16th, 1930, to secure £3,000 charged on the company's property, present and future, including uncalled capital. Holder: W. D. Ross, Hollybank, Alexandra Park-road, Wood Green.

MONARCH PUBLICATION AND PRINTING CO., LTD.—Land registration charge on 4, Little St. Andrew-street, W.C.2, dated May 19th, 1930, to secure £2,000. Holders: Mrs. M. E. Potier and Mrs. E. Henderson, both of 13, Rollscourt-avenue, Herne Hill, S.E.

HERBERT REIACH, LTD. (publishers, etc., 43, Belvedere-road, S.E.1).—Particulars filed of £15,000 debentures (including £10,000 debentures already issued) authorised May 5th, 1930, charged on the company's property, present and future, including uncalled capital, the amount of the present issue being £5,000.

JOSEPH MOSS AND CO., LTD. (advertising contractors, etc., Gloucester House, Charing Cross-road, W.C.).—Issue on May 12th, 1930, of £1,000 debentures, part of a series already registered.

Receivers Appointed or Released

MARLBOROUGH PRINTING CO., LTD. (30, Percy-street, W.1).—J. G. Lightfoot, of 15, Cecil Mansions, Balham, S.W.17, ceased to act as receiver on November 23rd, 1929. (Notice filed May 31st, 1930.)

BRITISH PRESS, LTD. (formerly British Studios, Ltd.), (35, Arundel-street, Portsmouth).—Wilkinson, Powell and Wilkinson, of 8, Breams Buildings, E.C., ceased to act as receivers and/or managers on May 31st, 1930.

Company Liquidations

Re A. EGLINGTON AND CO., LTD., printers, etc., 72A, St. Thomas-street, S.E.—Under the compulsory liquidation of this company the report of the official receiver has been issued to the creditors and shareholders. The accounts show total liabilities £4,548 (unsecured £2,946) and assets £1,537, absorbed in the preferential and debenture claims. The company was registered as a private company on August 22nd, 1922, with a capital of £3,000, and was formed to carry on printing and publishing undertakings, and to acquire the printing business of A. Eglington and Co. for £3,000 in shares. Debentures to the extent of £1,500 have been issued and in December 1929, Messrs. J. W. Hinks and W. A. J. Osborne were appointed receivers for the bondholders. The failure of the company is attributed to expenses involved in the acquisition of new and larger premises, and the fitting up thereof with electrical plant without any additional capital and to loss sustained on work carried out whilst the re-organisation was being effected, also to the "hopeless mismanagement" of the composing room, where wages were triplicated for very little extra output. In the opinion of the official receiver the failure is attributable to mismanagement on the part of the directors in that when they decided to extend the business in June, 1928, they omitted to make any provision for increased working capital, with the result that the company was not in a position to take advantage of the increased business which it was anticipated would be obtained. Mr. Henry Lever, C.A., has been appointed liquidator with a committee of inspection.

PARTNERSHIP has been dissolved between G. W. Barclay and H. Lipman, printers, stationers, and bookbinders, under the style of Barclay and Lipman, at 1 and 1A, Northampton-street, Bethnal Green, London; also between W. L. Goldsmith and D. Matthews, newspaper and magazine proprietors, printers, publishers, advertising contractors, booksellers and journalists, 46, Lincoln's-inn-fields, London, W.C.2, under the style of Walter Goldsmith and Co.

MR. ARTHUR ST. JOHN ADCOCK (66), editor of the *Bookman*, has died at his home at Richmond.

LONDON SCHOOL OF PRINTING.—An exhibition of work produced by wholtime, day and evening students of the London School of Printing during the 1929-30 session will be on view at 61, Stamford Street, S.E.1, from Monday, June 23rd to Friday, July 5th. The Exhibition will be open daily from 9 a.m. to 5 p.m. except Wednesdays, when it will remain open until 8 p.m.

A Buyers' Guide to Efficient Service

BRONZING MACHINES

LACO-MASCHINEN-FABRIK Paul Tschentscher, Leipzig, W. 33 (Germany) supply Bronzing machines with sevenfold dusting.

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GARWOOD & MUDDIMAN LTD., 40, South Lambeth Road, Vauxhall, London, S.W. 8, Telephone Reliance 2922, Sole Manufacturers of FIBRETTE the Best Quality Leather Paper; and CLOTHETTE a Durable Imitation Book Cloth.

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CRABTREE, R. W. & SONS, LTD., Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C. 1. Makers of Offset Machines, Single Colour—Demy Folio to Extra Eight Crown. Two-Colour and Perfecting Double Demy to Extra Eight Crown. Transfer Presses and Graining Machines.

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LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. Phone: Central 3839. "LIGHT'S-EVERWEAR" Press Rubbers. Oil and Ink-Proof and Reversible.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C. 2. Printers in Russian, Polish, Czech-Slovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

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OIDAS METALS CO., LTD., 3, New London Street, E.C. 3. Telephone: Royal 7791. Specialists in the Manufacture of Lino, Mono, Stereo and all Type Metal. Specifications absolutely guaranteed. Reasonable Prices.

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HOE & CO., LTD., R., 109-112, Borough Road, London, S.E. 1. Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

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LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting.

STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 7, Farringdon Road, London. ROTOPLATE (Reg. Trade Mark) and ROTASHAVER Casting and Finishing Machines.

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TINPLATE DECORATG. MACHINES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

GEORGE MANN & CO., LTD., Ampton Street, Gray's Inn Road, London, W.C. 1. Makers of "Rapid" Tinplate Decorating Machines with Semi-Automatic Pile Feeder, Tin Varnishing, Coating and Lacquering Machines.

T.A. Half-Yearly Report

The 161st half-yearly report of the Typographical Association, now in course of circulation, has the distinguishing feature of recording a five-figure surplus on the transactions of the General Fund, a gain of £12,337 having been experienced. This is the highest surplus shown since June, 1920. There is a loss of £709 on the superannuation fund and an increase in the number of superannuitants.

The membership of the association shows an increase of 653 on the half-year, members in full employment showing an increase of 312, and the number casually employed have increased by 188. There is a decrease of 26 in honorary members, an increase of 116 in apprentice members, while 180 members have died during the half-year under review, at an average age of 57.44 years. The total membership of the Association, including superannuated, apprentice, hon. and associate, is 33,499, as compared with 32,846 the previous half-year. Apprentices number 2,623.

The General and Superannuation Funds at the close of the half-year comprised £120,635 12s. 7d., which represents an average worth per member of £3 12s. 0½d. There is an increase of £181 0s. 4d. in balances held by branches.

Trade Union Matters

THE harmony existing between employé and employer in the printing trade was emphasized at the biennial conference of the National Union of Printing, Bookbinding and Paperworkers last week at Edinburgh. Speaking at the dinner which followed the reception by the Scottish members, Mr. T. G. Newland, J.P., general secretary of the Union, referred to the splendid relationships existing between the employers Federation and the combined trade unions, and said that in comparison with other industries, the printing industry could truthfully say they had received a respectable share in the prosperity. If other employers could only take a leaf out of the book of the Master Printers' Federation there would be much happier relationships existing in trade. Other speakers at the dinner were Mr. J. S. Waterston, J.P., past president of the Edinburgh Master Printers' Association, Mr. S. Anderson (Edinburgh), Mr. George Harraway, general president of the union, and Mr. Walter Dixon.

T.A. AND GALLEY PROOFS.—The secretary of the Sheffield branch of the Typographical Association has notified the executive council that, in reply to an enquiry from an office in his branch, he had given instructions that it was not permissible for other than Typographical Association members to pull galley proofs. The overseer of the firm had protested against this ruling, and stated that such a ruling was not carried out in other places, Newcastle being cited as an instance where non-T.A. "galley boys" were employed. He further stated that at Newcastle men who placed the lines in the stop-press boxes for the rotary machines were not members of the Association. The Sheffield secretary suggested to the executive council that there should be a uniform system of working, and that an inquiry should be made into the system obtaining in various branches. The executive

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MACHINERY FOR SALE

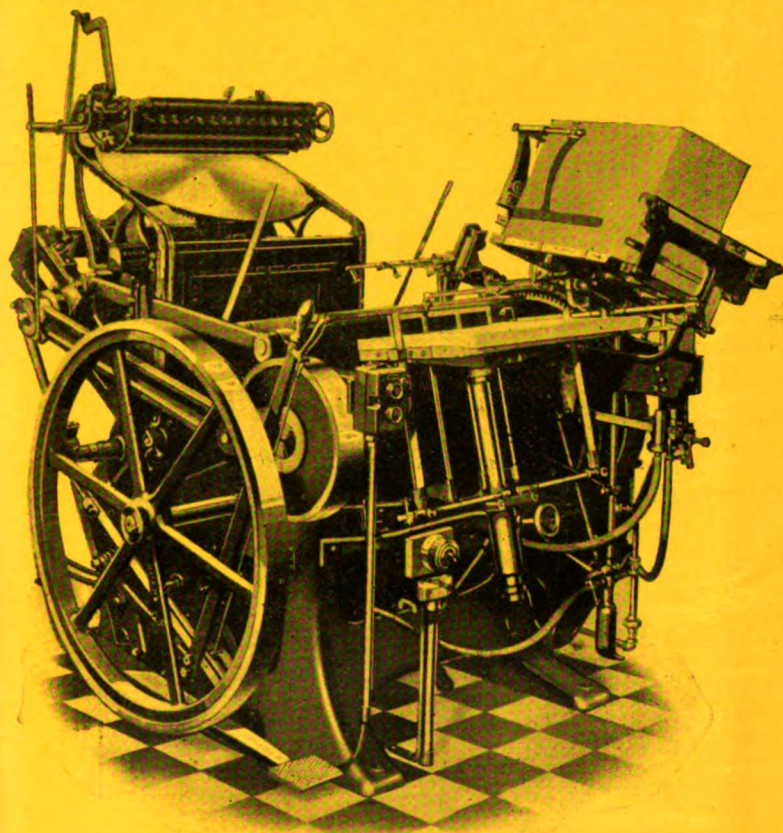
NUMBERING MACHINES, Hand and Forme; half-price; new.—Marston, 69, Wightman Road, London, N.4 15442

council endorsed the ruling he had given as to the pulling of galley proofs, and directed an inquiry to be made concerning the system in force at Newcastle.

WELSH OFFICES AND FAIR LIST.—The secretary of the North Wales Group of the Typographical Association, in submitting his quarterly report to the executive council, refers to his organisation work in the Bala and Dolgelly area, which has met with some success. He states that several employers in the district were interviewed with regard to the rules and conditions of the Association, and adds that probably some of the offices would have to be removed from the Association "Fair List."

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A Chandler & Price Platen with Inbuilt Feeder



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**MONEY
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The Latest Chandler & Price Production.

A Platen
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for every class of Letterpress Printing on every description of Machine. - *Price List on request.*
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Remeltable many times. - - - Easy casting.
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The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY

And Stationer

VOLUME 106
NEW SERIES No. 87

LONDON: JUNE 26, 1930

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Such greater heat is applied when metal is cast too hot; gases are given off which are entrapped on the face of the flong. Fortunately these gases usually flow to the "whites," where the pressure of metal is lower than on the type face; sometimes, however, the condition appears on an area of "solid" or half-tone which is too large to permit the gases to escape.

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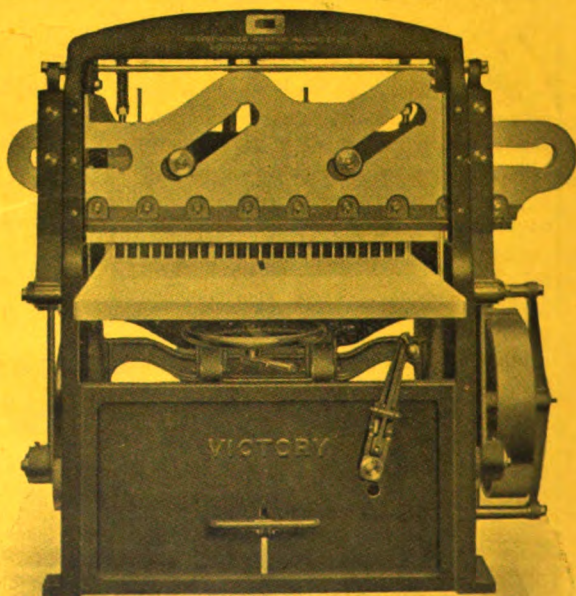
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PRINTING MACHINE
COMPANY, LTD.

The British & Colonial Printer

FOUNDED 1878 — PUBLISHED WEEKLY And Stationer

VOLUME 106
NEW SERIES No. 87

LONDON : JUNE 26, 1930

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

DEPRESSION is the ruling order of the day, and the half year is virtually finished. If it is generally accounted that the first six months have shaped to yield a poor return, we have the option of assuming an optimism for the second half of the year, even though cold reason may not be behind us in support.

RATIONAL OPTIMISM

It is always as well, and always excusable, to anticipate better business. For one thing it usually results in brighter effort. We do not hold with that negative sort of optimism which amounts to a blind trust in an unknown Providence. This means resting on the oars and leaving the rest to drift with the stream. Far better presume things are going to go right and pull to that end with good spirit. Even now, when conditions are against us and a great many printers are definitely in the doldrums, there is no difficulty in picking out certain offices where trade is brisk. So many things can be done to clinch this or that order which, if left to mechanical routine, would be mechanically lost. Again, if it is said that when one printer gets an order, another printer loses it, we reply that there is more printing business to be created. If a customer runs out of billheads and re-orders, that is normal trade which merely main-

tains the average amount of production and consumption. If we draft out a showcard or folder and persuade that customer to accept the idea and place an order, we register an addition to print production and consumption.

CREATE !

It has been patent for years that the big development in printing hinges on creative work. From every angle printers have been pushed to see the opportunity, to prepare for it and to seize it. They have made little progress and do not shape for developing the field that is there awaiting exploitation. As we have said before, the mentality of the average printer will never permit him to step outside the groove he has patiently made for his business to run in. The hope was that younger and fresher minds might be allowed, persuaded and helped to acquire the sort of outlook, mentality and experience essential to creative enterprise. There are as yet few signs of any movement in this direction. The brighter minds, are going over to the advertising side, where press advertising is a first consideration and direct printing subsidiary.

BUSINESS-PROMOTION

WE are not urging printers to set out to compete against advertising

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agencies and try to do something which does not come within their province. There are set limits for the ordinary printer, beyond which he runs a danger of courting disaster. But in every direction

the way is partly paved for business-promotion literature in the shape of printed matter, and, until the printer sets out to introduce it and execute it, it simply will not be done.

Personalia

Sir William A. Waterlow, as Lord Mayor of London and Master of the Stationers' Company, will add dignity to the occasion when he welcomes those attending the annual convention of the Joint Industrial Council of the Printing and Allied Trades next Thursday at Stationers' Hall.

Mr. T. E. Naylor, J.P., M.P., aired a Parliamentary grievance in the "Daily Herald" on Friday, when he contributed an article entitled "Let Ministers Speak Up."

Dr. Ruppel, the well-known controller of the Gutenberg Museum, and Prof. Dr. Konrad Haebler,



VISITORS AT WORKS OF LINOTYPE AND MACHINERY LIMITED

This group, taken on Friday in front of the works of Linotype and Machinery Limited, at Altrincham, comprises the third-year men who are just completing the world-famous "Sons of Master Printers Course" at the London School of Printing. Mr. J. R. Riddell, the Principal, believes in giving his students facilities to become acquainted with every phase of the printing business.

Mr. E. H. Lee, the well-known Nottingham master printer, will as chairman of the J.I.C. deliver the opening address, and prominent speakers will be Mr. T. E. Naylor, J.P., M.P., secretary of the London Society of Compositors, and Mr. William Maxwell, immediate past president of the Federation of Master Printers.

Major Sir Reginald and Lady Tuck, who have been visiting New Zealand, are expected to arrive at Alton Lodge, Roehampton, about July 9th.

Mr. Charles Harrap, the well-known lithographer, who as teacher and writer is widely known and respected in the printing and allied trades, celebrates his 70th birthday on July 1st. Very many who appreciate Mr. Harrap's valuable past and present services to lithography will join us in offering him hearty congratulations, and good wishes for "many happy returns."

of Dresden, were amongst the speakers at Mainz on Sunday at the 29th annual convention of the Gutenberg Gesellschaft.

Dr. Külb, Lord Mayor of Mainz, was a prominent figure in his capacity as president of the Gesellschaft, and amongst those whom he personally greeted was the German representative of the "British and Colonial Printer," Dr. E. Michlstadter, of Frankfurt.

Mr. W. L. Field, the editor and manager of the "Printers' Register," has completed forty years' continuous association with that periodical. He celebrated his 76th birthday this week and we offer hearty congratulations.

Mr. Malcolm S. McCorquodale, B.A., a member of the well-known printing trade family, and a director of Messrs. McCorquodale, has been unanimously adopted as prospective Conservative candidate for the Sowerby Bridge Division of Yorkshire.

•THANK LINOTYPE MARK• YET ANOTHER •THANK LINOTYPE MARK•

THE CENTURY EXPANDED SERIES

24-point (24 Δ 917)

ALL WORK THAT IS TO BE PRINTED should be planned or laid out on paper so that errors in the pencilled layout can be

18-point (18 Δ 916)

THE ONE AND ONLY PURPOSE OF JOBBING OR display is to present a certain aspect of a definite subject as forcefully and as attractively as it is possible. Artistic treatment is not of any value if it hinders the mind from

14-point with Italic (14 Δ 907); with Century Bold (14 Δ 915)

TYPE DESIGN WHICH IS SO PERFECT AS TO DELIGHT every eye will still be a *total failure* as a piece of good printing if it conceals the THOUGHT which it is the mission of printing to tell. Type is made to be read, and to express a thought legibly with perfectly correct typography is the greatest triumph that type can attain or

12-point with Italic (12 Δ 906); with Century Bold (12 Δ 914)

THE LINOTYPE OPERATOR MUST BE ABLE to read and *interpret intelligently* a typographical layout. Only in this way can he assist the layout man to give that service which is necessary to the making of a successful and SATISFACTORY work of

10-point with Italic (10 Δ 905); with Century Bold (10 Δ 912)

THE LINOTYPE OPERATOR SHOULD BE ABLE to read and interpret intelligently a typographical layout. Many operators are of course *already in that position* by reason of their early training with movable type, but there are others who have not had the OPPORTUNITY or the

9-point with Italic (9 Δ 904); with Century Bold (9 Δ 911)

THE JOBBING FIELD HAS REALIZED THE MEANING of the *development in type composition* which has been made by the Linotype, for it is now recognized as the most important advance made in mechanical composition since the introduction of the machine FORTY YEARS AGO. It is estimated that jobbing

•THANK LINOTYPE MARK•

THIS TYPE SERIES is also available in 6, 7, & 8-point, duplexed with Italic or with Century Bold. Century Bold is also supplied from 6 to 36-pt. Roman (duplexed with Italic from 6 to 14-point) and 18, 24, and 30-point Italic. Specimens will be sent on request.

LINOTYPE & MACHINERY LIMITED, 9 KINGSWAY, LONDON

Printers and Advertising

Problems Discussed at Advertising Convention

In connection with the sixth British Advertising Convention, at Hastings this week—June 21st to 25th—the Printers' Session was held on Monday afternoon, under the auspices of the Federation of Master Printers.

THE F.M.P. PRESIDENT

Mr. A. J. Bonwick, J.P. (president of the Master Printers' Federation) who presided, said he felt at home among a gathering of advertising men because he had never forgotten that he spent the first ten years of his life in an advertising agency; he afterwards drafted to newspaper production and for his sins he had become a printer. All through his career he had been dependent on printing, and had he known more about printing in his early days he would have been a better advertiser and advertising agent. He hoped that the day would soon come when the printers would be allowed to come and tell the advertisers and advertising agents where they failed.

VISCOUNTESS DUNEDIN

The Viscountess Dunedin, speaking on "A Woman's View of Direct Mail Advertising," said direct mail should give the essential points relative to the goods for sale. Printing was the first part, and biggest part, of advertising, and it should be the best printing. The wording should be well chosen and clearly expressed. She would not say whether they should copy American methods or not, but she did say, "Don't copy the American language!" It was a great pity when advertisements degenerated into mere puff, they did not deceive readers, they only bored them.

In the discussion on Lady Dunedin's address, Mr. Arthur Chadwick asked if there was, in Lady Dunedin's opinion, any difference in the appeal value of a scaled letter and halfpenny matter. Also, did a letter make a greater appeal or a broadside, the mail card and catalogue?

Lady Dunedin, in reply, said the halfpenny envelope stood the greater chance of reaching the waste paper basket. She did not think a card or a broadside gained so much attention as a letter or catalogue.

Mr. S. M. Williamson, York, said as an advertising agent he had always preferred newspapers but from that moment he was convinced there was much in mail order advertising they should realise. He was convinced they had made a mistake and he apologised to the printers.

Mr. Eaton Hart having asked about the follow-up letter, Lady Dunedin said she had received them and completely ignored them.

The chairman, in thanking Lady Dunedin, said she would be compensated for attending as she had converted one member of the audience.

MR. HAROLD BELLMAN

Mr. Harold Bellman, M.B.E., F.S.S., F.R.Econ.S. (general manager, the Abbey Road Building Society) in a paper on "The Use of Printing in Advertising," said the art of printed salesmanship was a development of comparatively recent years. To-day the advertisers' public wanted to know the truth and expected the answer immediately. Modern advertisement without the printer would be as unthinkable as a theatre without a stage. Experts were agreed that an advertisement must attract and hold attention, explain,

educate and convince, and it could not be done without the help of the printer. It was only from the printer himself that the trader and advertiser could become familiar with the possibilities of the craft. Printers remained in the front rank of all craftsmen.

The speaker, asked if he preferred the new types, constantly coming forward, to the old, said that for display work he would use the most up-to-date types; but for books he favoured the old-fashioned faces.

MR. R. B. FISHENDEN

Mr. R. B. Fishenden, M.Sc.Tech., F.R.P.S. (London manager, Stephenson Blake and Co.) followed with an instructive paper on "Recent Developments in Printing of Special Interest to Advertisers." He remarked that among the latest developments modern commercial photography was being used to better advantage and in many fields it was found to be more direct and convincing than the work of a designer. Coupled with this were new methods of colour photography which provided an advertising appeal of the most extensive and forceful kind. He referred to the steady movement toward standardisation and precision in letterpress printing. The value of lino-cuts was not sufficiently appreciated, but Mr. Langley had used this medium to advantage. Reference was also made to the improvement in rubber stereotypes, and to the fact that letterpress stencil printing offered a wide range of original and effective expressions. After speaking of the possibilities of cellophane Mr. Fishenden said that in newspaper production the advance in design and building of presses and improvements in stereotyping equipment had made it possible to maintain a standard of quality while still coping with constantly increasing circulations. Water inks, offset printing, and rotary gravure were referred to in some detail, and in conclusion Mr. Fishenden said every opportunity had been seized in all branches of the printing industry in recent years for making vital technical progress in the service of advertising in all its graphic expressions.

Replying to Mr. Jones (Whitefriars Press), the speaker said the first difficulty in connection with register in colour printing was the control of humidity in the printing shop. On a rotary they generally found that the register difficulty was very largely eliminated.

The meeting closed with a vote of thanks, proposed by Mr. Alfred Langley, to those who had contributed to the success of the session.

At the Manufacturing Stationers Session on Tuesday, Viscount Burnham spoke on "British Stationery for British Advertising," the chair being occupied by Mr. Percy Barringer, J.P.

The Convention, which comprised many different sectional sessions and covered a very wide field, came to an end yesterday (Wednesday).

As from Monday of this week, the headquarters and offices of the Lancashire and Cheshire Alliance of Master Printers and the Manchester and Salford Master Printers' Association are at 44, Corporation Street, Manchester.

No wonder the "Monotype" makes

Speed records

The operator can concentrate upon production, accurate speed. Neither mechanics of casting nor metal troubles take his mind off craftsmanly work. And here are two other points that mean "*follow-through*" speed:

- (1) No need to correct at the keyboard.
- (2) Less time needed for make-ready.

"urgent" means "MONOTYPE"

LANSTON MONOTYPE
CORPORATION, LIMITED
43 FETTER LANE, LONDON

A Good Master Printer

His Points Delineated

The inauguration of the Young Master Printers' Group in the South-Western Alliance took place on Saturday. Luncheon was taken at St. Stephen's Restaurant, Bristol, and then the party journeyed by cars to Alveston, Glos., where the meeting was held on the lawn of the old-world hostelry, the Ship Inn. Mr. J. L. Milligan, president of the Alliance, together with Mr. S. Murray, the vice-president, and Mr. G. F. Jones, the secretary, were present with the young men.

Mr. Milligan and Mr. Murray having opened the proceedings, Mr. J. S. Murray (Yeovil) was elected chairman of the Group, and Mr. W. H. Dotesio (Bradford-on-Avon) vice-chairman. Messrs. Byles (Weymouth), Cheney (Banbury), Harding (Bath), Savage and M. B. Holloway (Bristol), and T. B. Holloway (Westbury, Wilts.) were appointed the committee. The questions of rules and future meetings were referred to the committee.

Mr. G. F. Jones then delivered an address upon "Some Points of a Good Master Printer," in the course of which the speaker said:—

To get at the points of a good master printer it is first of all advisable to know why a man is a master printer. Master printers have need of perennial enthusiasm and freshness, and these things will only characterise them insofar as the choice of their avocation is based upon a real love of the craft.

(1) A GOOD MASTER PRINTER MAKES HIS BUSINESS PAY.

This point is emphasised as the result of years of observation. Unless there is every reasonable prospect of a master printer making his business pay, it were better for him, for his competitors, and the whole industry that he remained a journeyman employee.

(2) A GOOD MASTER PRINTER KNOWS THE COST OF PRODUCTION OF EVERY JOB.

Every job costs something, and fortunately master printers have a Costing System awaiting their use by which they can know what that cost is. It is possible, without much trouble to find the real production costs of all printing offices, large or small. Into the total of that cost should go, besides what will have to be paid for materials, wages, rent, power, light, heat, &c., interest on capital sunk in the business, some return for the proprietor as manager, as well as his own wages if he is a working proprietor.

(3) A GOOD MASTER PRINTER PASSES THE COST ON TO THE CUSTOMER, WITH A PROFIT FOR THE PRINTER.

Not only is knowing his costs the first line of defence of the good master printer against the wily customer; it is his second and his last line of defence as well. Cost is cost; there is no getting away from it, and the man who wants the cost incurred is the man who should pay for it—not the printer, not somebody else. When customers are told they are only being charged the cost of their work, plus a small profit, they are generally agreeable to pay.

(4) A GOOD MASTER PRINTER RENDERS SERVICE.

A good master printer is not one who merely sells paper and ink; he is one who puts the ink upon the paper in such a way that it effects the purpose its buyer wishes it to effect. Most customers do not know what will suit them best and pay them best. A

good master printer is the one who is able to tell them what will suit them, and to sell it to them. A good master printer puts the imprimatur of distinctive individual service upon every piece of printing that he sells.

(5) A GOOD MASTER PRINTER GETS THE BEST OUT OF THE EMPLOYEES.

Humanitarianism in business pays. A good master printer provides the best environment for his people to work in, the best possible materials he can for them to work with, and establishes between them and himself the best possible relationship. Mutual trust and respect will produce better results than fear, fines, and irksome restrictions. Discipline there is bound to be, but the best results are achieved when nobody knows of its existence. If, here and there, are found some who will not respond to this method—let them go; let them make room for those who will. Pure air and sunshine are free; peace of mind and security of tenure for the employees often cost little to provide, and a good master printer will see that they are provided for his people, and in doing so he will be making a good investment for himself.

(6) A GOOD MASTER PRINTER DOES NOT UNDERTAKE TO DO WORK HE IS NOT EQUIPPED OR STAFFED FOR, NOR DOES HE QUOTE FOR WORK ABOUT THE COST OF PRODUCING WHICH HE IS IGNORANT.

There are some things it pays to let alone. When what looks like a tempting offer comes along the questions should be asked—Why has this come to me? Who has done this work before? Inquiry should be exhaustive, and caution strong—remembering how specialisation and mass production have put many jobs out of the reach of the average master printer if he is to see anything in his work for himself.

(7) A GOOD MASTER PRINTER MAKES NO PROMISES HE CANNOT KEEP.

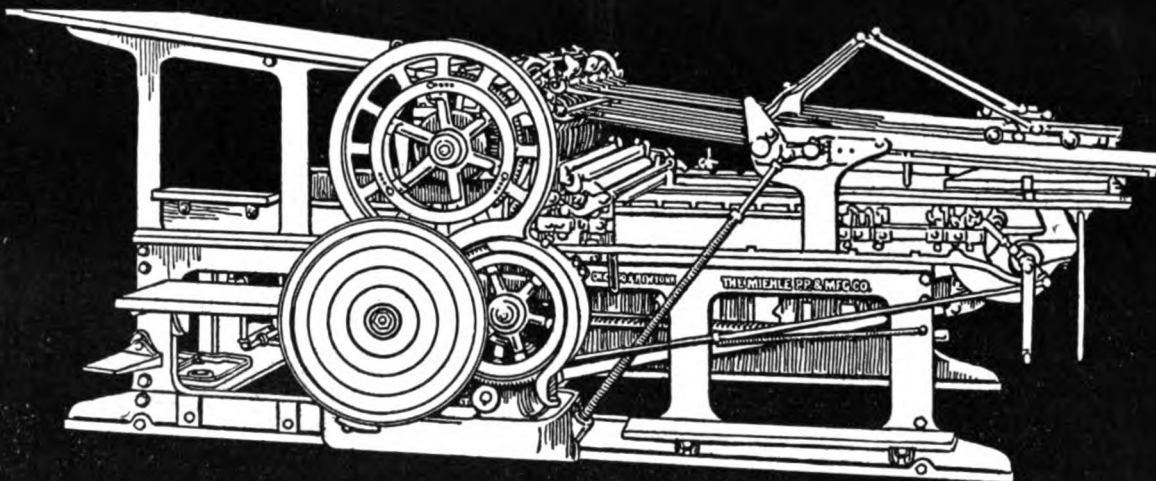
A disappointed customer is a lost customer. A customer lost through disappointment, whether of service or punctuality, is a bad advertising agent for the business. Two of the great annoyances of life are unpunctuality and a service inferior to that promised and expected. A good master printer makes no promises he cannot keep. If circumstances are such that the power to keep his promise is taken from him, they should also be such as will appeal to the customer as well.

(7) A GOOD MASTER PRINTER BELONGS TO AND WORKS FOR HIS ORGANISATION.

"Every man owes some of his time to the upbuilding of the profession to which he belongs," said Roosevelt. "Give, and it shall be given unto you," is a truth that bears application to the point we are considering, and to contribute something in membership—meaning time, money, and service—to his organisation is not only a duty, it is a joy, to the good master printer. Through the Associations, the Alliance, and the Federation a spirit of friendliness is fostered, a spirit of co-operation engendered, and suspicion killed.

Hearty thanks were accorded to Mr. Jones for his address and to the Alliance for the arrangements made for the inauguration of the Group.

The
**AMERICAN
MIEHLE
COMPANY'S PRESSES**



The AMERICAN MIEHLE COMPANY'S FOUR-ROLLER TWO-REVOLUTION PRESS.

FEATURES

The quality of the American Miehle Company's Presses is best seen in their performance over a long period of time.

There is no single feature of these American built machines which is urged as a reason for their preference by the vast majority of printers.

Their low power cost; their extraordinary speed; their unusual convenience; their practically unlimited life—reinforced by the most painstaking care in every detail of their building—make them incomparable, and the emulated by all.

The **MIEHLE PRINTING PRESS
& MANUFACTURING CO. LTD.**
—
**2/3, SALISBURY COURT
FLEET ST LONDON
E.C.4.**

London Master Printers Association

Annual General Meeting

The annual general meeting of the London Master Printers' Association was held at 7-10, Old Bailey, E.C.4, on Thursday. Mr. Alfred Langley (retiring president) occupied the chair, supported by Messrs. A. Bonner (the recently-elected president), B. Guy Harrison, F.R.A.S., F.R.G.S., and J. Crowlesmith, J.P. (vice-presidents).

COUNCIL'S REPORT

The report for the year 1929-30 stated that in the earlier part of the year under review there had been an all-round improvement in work, but this had not been maintained, largely owing to the unsettlement of trade following the Hatry crash.

No alterations in general wage rates or conditions were made during the year. A supplementary agreement concerning rates of pay for women engaged on direct rotary litho and offset rotary litho machines had been negotiated with the N.S.O.P. & A., and particulars of the agreement had been issued to the firms concerned. The Council greatly appreciated the valuable services rendered by Major M. Clowes as chairman of the Labour Committee, and also desired to thank those members who had given their services on the many standing committees of the Association.

During the year considerable efforts had been made to assist members in their endeavours to persuade the manufacturers and retailers of goods of the value of good printing in the promotion of sales. A Publicity and Selling Committee of the Association had been set up, with Mr. Guy Harrison as its chairman. The District Associations had also instituted their own committees, which were working in co-operation with the central committee.

Reference was also made in the report to the Y.M.P. movement. District Association committees of young men had been appointed, various localities in the areas being represented on these committees. The Council and the District Associations had continued their policy of appointing young men to act on the various committees of the Association.

One hundred and seventy-six applications for debt recovery were dealt with during the year the report went on, the sum of about eight hundred pounds being recovered at the cost to members of under eighteen pounds. Considerable help was given without charge to members by the L.M.P.A. credit enquiry section.

This report, and the statement of accounts presented by the treasurer, Mr. E. C. Austen-Leigh, were unanimously adopted.

The members also unanimously approved of a subscription for the year 1930 to 1931 on the basis of one halipenny in the £ of wages paid, subject to deductions for amounts exceeding £50,000, £100,000 and £150,000 respectively, with a minimum of £1 1s. and a maximum of £500, the subscription to include the Alliance contribution to the Master Printers' Federation.

L.M.P.A. PRINTING COMPETITION

Mr. Langley then presented to Mr. G. Rangecroft, as representing the South-West London Master Printers' Association, the silver trophy gained by that Association as winners of the L.M.P.A. Inter-District Printing Competition. In doing so, Mr. Langley warmly congratulated the South-West Association on their victory.

Mr. Rangecroft, who is vice-president of the S.-W. Association, returning thanks, recalled that on each of the other two occasions when the competition had been held, the S.-W. Association had been runners-up. He also spoke with regret of the absence of Mr. J. H. Quinn (president, South-West Association) owing to prolonged illness.

Congratulations to the South-West Association were also extended by Mr. H. H. Norman on behalf of the South-East Association, and Mr. A. T. Philp (president, W. & N.-W. Association)—which association has won the competition on each of the previous occasions.

THE RETIRING PRESIDENT

On the motion of Mr. A. Bonner a hearty vote of thanks was accorded to Mr. Langley for the devotion, time, thought and energy which he had given to the L.M.P.A. during his year as president.

Mr. Langley in reply referred to the help and co-operation he had always received during his term of office from the members of the L.M.P.A. council and the Association in general.

Trade Notes

In the Chancery Division on Monday, a reduction was confirmed of the capital of the Goss Printing Press Company, of England, from £400,000 to £120,000 by writing off £230,000 of ordinary shares and £50,000 of preference shares which had been issued.

On the same occasion a reduction of capital of Smith's Printing Company (London and St. Albans) was confirmed. Also an order was made for winding up the Hyde Park Press.

ST. CLEMENTS PRESS successfully summoned Sir Beddoe Rees, of Ashley Gardens, S.W., for £30 17s. 6d. at Westminster County Court on Thursday. A witness said the money was owing for printing. A committal order for 28 days was made, suspended on payment of £10 a month, the first payment to be made in ten days.

THE Leeds firm of John Waddington, Ltd., are to print 200,000,000 labels for a well-known firm of sauce makers. The labels will be varied and printed in colours. The contract is spread over three years, and to execute it new and special machinery is being installed.

MESSRS. F. W. BRIDGES AND SONS, LTD.—organisers of the Printing and Allied Trades Exhibitions, and trade publishers—have transferred their offices from Southampton Row to Grand Buildings, Trafalgar Square, W.C.2, and their new telephone number is Regent 6861/2.

THE death has occurred of Mr. Thomas Harpur, founder of the firm of Messrs. Harpur and Sons, printers, of Derby. He was a past-chairman of the Derby Master Printers' Association.

A SMALL outbreak of fire occurred on Tuesday evening at the printing works of Messrs. C. and E. Leyton, in Plum Tree Court, Farringdon Street. Damage was done to machinery in the lower part of the building, and men working on the third floor were rescued by fire escape.

GREAT BOON- THIS HAMEL SERVICE

BLOCKS,
better, quicker, than can
usually be obtained.
Electros and Stereos
that do credit to the
Originals.
Designs and Ideas that
bring business.

ORDER
*Why not send
a trial order?*

E. HAMEL & CO

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Telephone 41547. (2 lines)
Telegrams "Hamel"
Nottingham.

Water-Colour Printing

American Impressions

Remarkable progress in the art of water-colour printing has been made of late years in America, and the experiences of American printers in this field are therefore of special interest to printers in this country, where the process is only gradually asserting itself.

At the London School of Printing, a large number of young master printers, students of the School, heard addresses on water-colour printing from two American printers of note—Mr. A. Sutphen, of the Sutphen-Bradin Company, and Mr. Carl E. Lazius, president of the Lazius-Hiles Company, both of Cleveland, Ohio. These two gentlemen, both of whom sailed for the United States later on the same day (Wednesday), consented to address these students at the request of Mr. J. R. Riddell (principal of the London School of Printing) who is himself an enthusiast about water-colour printing.

In opening his remarks, Mr. Sutphen referred to the advent of the Jean Berté process of water-colour printing in America. He then passed on to consider some of the advantages of the water-colour process.

ADVANTAGES

Water-colour inks, said Mr. Sutphen, did not crystallise, thus any colour could be printed at any time. The drying was almost instantaneous, in many cases four or five minutes being the time taken for a print to dry.

Furthermore, the water-colour prints from the original work of the artist could be matched in colour; in fact, a can of the artist's pigment was usually kept in the printing shop when the work was being done. No interleaving was necessary; the prints could be laid one on top of another without set-off.

The greatest advantage of water colours was their opacity, which enabled most cover papers to be printed at one impression, where oil colours usually required about four impressions.

EFFECTIVE RESULTS

Mr. Sutphen had with him many specimens of catalogues, brochures, and many other forms of advertisement produced with water inks, and, displaying these, he showed what really good effects were being obtained in the United States with water-colour inks. With water colours, he said, the printer could use cheaper paper and yet obtain good impressions. Some of the colours in this work, moreover, it would be impossible to obtain with oil inks.

It was often said that one of the great disadvantages of water-colour inks was they were soluble in water, and this sensitiveness to moisture made them impracticable. In answer to this, Mr. Sutphen held up specimens of mail order envelopes which, despite their handling in the post, still bore their original brightly coloured designs. Water-colour inks, he declared in conclusion, were definitely not a mere "Art" proposition, they were being used commercially with great success.

A COMMERCIAL PROPOSITION

The fact that not one improvement brought into his business within the past twenty years had proved so valuable a commercial proposition as water-colour inks, was stressed by Mr. Carl Lazius. It was true that they had from the beginning taken the matter

seriously. They had merchandised it to their salesmen, who in turn had merchandised it to the customers. Every week, declared Mr. Lazius, they were finding new uses for water-colour inks, and within the next year or so they would be using 75 per cent. water colours; at the present time 40 per cent. of water colours were in use; and ten cylinders were running on water-colour inks at one time.

DISPLACING OFFSET

Referring to offset printing, Mr. Lazius said this process was worrying printers in America. With the advent of water-colour printing, however, they were not having to use offset. Mr. Lazius mentioned that his own firm had secured from a tyre company what was probably, with one exception, the largest printing order placed in United States printing. Much of the success in securing that printing order was, he thought, due to their policy of laying water-colour printing before the company concerned.

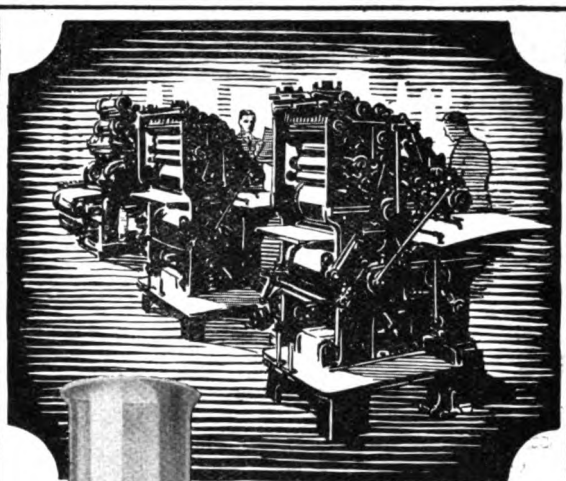
SELLING PRINT

Observing that Mr. Sutphen had dealt with the advantages of the water-colour process, Mr. Lazius proceeded to speak further on the general question of selling print. The subject of market analysis was one of vital importance in America; twenty of the largest printers had therefore merged their "creative" departments into one organisation in New York called the "Sales Guild." Salesmen went to the customer not with the intention of merely selling him print. In the first place they attempted to make a sales analysis. For this, anything from 250 to 1,000 dollars was charged, but no profit was made on it. When a complete survey had been made, advice was given as to the type of publicity campaign required. Sometimes newspaper or magazine publicity was plainly desirable, and in this event the printer dropped right out of the picture. Where direct mail was needed, however, the salesman's job was to advise the customer, and give actual proof of the value of his recommendations, with an estimate as to probable results. The outcome was satisfaction to all concerned. In conclusion, Mr. Lazius recommended British printers visiting America, to investigate this guild.

The interest aroused by the two addresses was obvious from the questions which followed, prominent among the questioners being Mr. R. B. Simnett, Mr. J. R. Riddell, Mr. R. B. Fishenden, M.Sc.Tech., as well as a large number of the young master printers.

A vote of thanks to the speakers was proposed by Mr. Simnett, seconded by Mr. H. Whetton and heartily accorded.

AMONGST the many recommendations and suggestions put forward by a sub-committee of the London Chamber of Commerce for the cheapening of litigation there occurs a reference to printing, which states: "In the days before typewriting and type-lithoing, when printing was cheap, it was useful, but it should now cease to be compulsory. It adds considerably to the expense without any real benefit. If some cheaper form of printing than the present could be allowed in the House of Lords it would decrease expense."



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Photo-Lithography :

Notes on the Collotype Process

By CHARLES HARRAP

Although there may be many in our craft who are doubtful as to the efficiency of collotype printing in the present condition of the trade, yet there are some, at least, who already know its possibilities, and there are others, no doubt, who would willingly consider it if they knew its manipulation and had some idea as to the methods of its application.

CHARM OF THE PROCESS

Most people recognise the beauty of collotype prints. They possess the quality of fine photographs. The "grain" in the work is so beautifully hidden and so inconspicuous, that they are practically continuous-tone pictures. It is only necessary to examine the fine prints by Morgan and Kidd, or the London Stereoscopic Co. to have the most convincing proofs of the high quality of collotype work. It is this quality which is wanted as a set-off against the superabundance of monotone illustration by the cross-line block. But it must be remembered that the collotype method in its simple form cannot be expected to supplant the cross-line methods. It is only in its application to, and adaptation for, the planographic methods of printing that its real value can be utilised.

In looking back over a century of the modes of illustration, the method of aquatinting stands out very forcibly. Books at the end of the 18th Century and beginning of the 19th Century were illustrated with aquatints. At the present day the casual observer—even the art dealer—may say that aquatint is dead! But, is it? No! Aquatint was a method of the greatest importance. It was used by Baxter, Dickes, Kronheim, and others in the production of relief printing blocks. It was used by Fox Talbot, Karl Klic and all succeeding workers in photogravure. It was in fact, the method which created the "printing point" either in relief or intaglio.

Only by looking at a method, and examining its possibilities, can one discover its good points, and see how it may be applied successfully to present requirements. So it is with collotype—the old collotype in a new dressing.

THE COLLOTYPE PLATE

Since the commencement, in August, 1929, of these articles upon various phases of photo-lithography, the necessary details of the gelatines, bichromates and other chemicals, have been considered, and do not need repetition, before dealing with the actual manipulation of collotype.

The name of the process implies printing from a colloid or "glue" printing surface. The term "glue" is a general one, and includes all makes of gelatine, fine and coarse glues. Briefly the process consists in spreading a film of sensitised gelatine upon a suitable support such as glass, zinc or aluminium (even copper, pewter and type metal have been used), and causing it to adhere by first covering the support with an adhesive substratum. After drying, the sensitive coating is exposed under a reversed negative, and then well washed to dissolve out all the sensitising chemicals from those parts of the film which were kept unexposed by the negative. In this state the "photo-print" is complete. After drying, the surface is

moistened by a special solution and may be rolled up with printing ink, from which impressions may be taken.

THE SUPPORT

Generally, thick plate glass is used, mainly because of its rigidity and ease of handling. Also, it is so much less liable than the simple metals to interactions of the chemicals used. The plate glass should be at least $\frac{3}{8}$ inch thick, and have the edges of the working face evenly rounded off. The surface must be grained very finely with 00 emery; the method is to cover the plate with emery, sprinkle with a little water and then turn over another glass plate face downwards upon it and thereby grain two plates at once. The plate should be placed on a firm base and kept level for graining. To ensure even graining, the plates should be turned over at least once during graining and a fresh supply of emery applied. After graining, wash well to remove all emery from both sides of the plate, using a stiff brush and washing soda solution.

The plate is dried by warmth, to expel all moisture. It is then placed in position upon the supports in the drying oven, and when quite horizontal, as shown by a spirit level, the points of support can be marked on the ground surface with a soft pencil, so that the plate can be replaced after coating with the substratum or adhesive coating.

There have been many forms of substratum used; but the most effective has been found in the following solution: Beer 10 oz., ammonia liquor $\frac{1}{2}$ dram, silicate of soda or silicate of potash 2 oz.; or, as an alternative, beer 10 oz., caustic soda 10 to 30 grms., silicate of soda or silicate of potash 1 oz.

The beer and ammonia should be well mixed some hours before required, and the silicate added just before use. The solution must be filtered through cotton wool or best lint, and may then be coated on the plate, in a quantity sufficient to make a fine thin layer on the plate. The plate is replaced in the drying oven and kept at a temperature not exceeding 130 degrees F. After drying and cooling, wash well in running water to remove any free silicate, and store in racks for future use. The substratum may also be put on with a sponge, and, when dry, the plate scrubbed dry with tissue paper to remove the surplus silicate; this method may be more convenient than washing with water, and also does not involve heating.

TESTING GELATINES

The next operation is coating with the sensitive film on top of the substratum dealt with above. At present, the fine hard Continental gelatines can be obtained from process supply houses at rather high prices; and as other gelatines on the market have not yet been fully demonstrated for collotype, it may be safer to use the Continental makes.

In the course of experimenting with collotype, opportunities can be taken to test gelatines as to their tension or breaking strain and their capacity for absorbing water. The practical value of gelatine depends upon these properties.

The test for absorption of water can be carried out by soaking a set quantity of gelatine in a measured

quantity of water; for example, soak 3 grammes of gelatine in 36 c.c. (36 grammes) cold water. In about two hours the absorption of water ceases. The water not absorbed can be drained off and measured. The quantity so poured off may measure 18 c.c., showing that 3 grammes gelatine have absorbed half the water, viz. 18 c.c., which represents an absorption of six times its own weight. This ratio is generally suitable, and should not be exceeded. After this test, an experienced craftsman can judge from the saturated gelatine whether it will be strong enough for collotype printing machines.

The best test for strength is to soak the gelatine in cold water (as above), liquify it by warmth, and allow it to set firm for an hour or so; then a rounded plunger can be stood vertically upon it, and gradually loaded with weights until the plunger breaks or fractures the jelly.

By a series of experiments ranging over twelve years or so, Messrs. Harrap and Crawford tested at least a dozen samples of gelatine from various sources. The weather varied considerably at the usual time of the year of these experiments, but the general characteristics of each gelatine remained relatively normal. It was determined from these experiments that suitable gelatines fractured at about twice the weight which would break the jelly of the best glue. Thus, if a glue broke at a pressure of 1 lb., the most suitable gelatines would not break at less than 2 lb.—more frequently 2½ lb. These figures should be used relatively for variable weather conditions, as the breaking weight may reach 4 lb.

Another test for gelatines is to make up the sensitising coating in two batches, one being gelatine and potassium bichromate, the other being gelatine and ammonium bichromate. Coat two glass plates with these and dry them in the dark. If the "potassium" jelly dries matt, and the "ammonium" jelly dries with a polished surface, it may be assumed it is a suitable gelatine. If both dry polished, it is too hard; if both dry matt, it is too soft.

THE SENSITIVE COATING (JELLY OR FILM)

The composition of the "jelly" for ordinary printing is usually: gelatine (middle hard), 1 oz.; water, 12 oz.; potassium bichromate, 150 grns.; liquid ammonia .88, about 20 drops. The gelatine is broken up and soaked in the cold water for one to two hours, then place the vessel into a pan of cold water over heat; the temperature should never rise beyond 160 degrees F. (71 degrees C.) In a little time the gelatine will dissolve. The finely powdered bichromate is to be added and well stirred in. When it is a little cooler the liquid ammonia is added. The solution must be filtered through fine fabric, the funnel being specially jacketed to hold hot water to keep the jelly in solution. All jugs and dishes must be kept warm all the time. The plate with the substratum on it, is levelled and warmed in the drying oven to a temperature of 100 degrees F., ready for coating.

The quantity of the jelly made up should be calculated for the number of plates to be coated, at the average consumption of 1 oz. coating jelly per square foot of glass plate.

The operation of coating a plate requires care and skill. It may be done by holding the plate on the fingers of the left hand, pouring an excess of solution on, and by suitable movements of the hand and wrist spreading the solution, and lastly pouring off the excess into the measure and checking the amount to leave the correct quantity on the plate. Thus coated, the plate is returned to the drying oven, and left to dry

in the dark at about 110 degrees F. (44 degrees C.). Another method is to measure out sufficient solution at the rate of 4 to 5 minims to the square inch, and coat the plate while in the oven. It may be sufficiently dry in 2½ hours to reduce the heating, and later to turn it off. As the dried plate is sensitive it must be kept in the dark, for immediate use or within the next two days.

COARSE-GRAIN COLLOTYPE JELLY

In cases where it is intended to take transfers from a collotype plate, it is usual to alter the composition of the jelly to give it a more open grain. The following is a suitable composition: gelatine (soft), 1 oz.; water, 10 oz.; potassium bichromate, 75 grns.; calcium chloride, 10 minims; ferricyanide of potassium crystals, 30 grns. Coat the plate 6 minims to the square inch. After filtering, and coating the plate, dry at 110 degrees F. (44 degrees C.). The thicker the coating, the coarser the grain.

When fully exposed, wash well in cold water and place it for a few minutes in a bath of: borax, 1 oz.; warm water, 1 qt. Follow with a rinse in cold; then immerse it in alum solution for five minutes, after which it is finished off with a good rinse, and dried.

THE DRYING OVEN

The drying oven may be made for gas, steam, or electric heating. Electric heating is clean, but expensive. Steam may be available, either as the exhaust steam or as part of the general heating apparatus; it is clean and efficient, but may not be available in warm weather. Gas heating, properly guarded, has been found quite suitable.

In any construction of the oven, it may have an enclosed water tank as the floor, with sheet metal

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over it as the actual floor, to carry a few inches of fine sand (not sea sand). This layer of sand will disseminate and equalise the heat from below. Three sides of the box may be rigid and complete to the full height (say 3ft. from the floor); the front side may have two corner and one central upright to carry the top and lid; and be panelled or filled in at the lower part, leaving the upper part (say 9 or 10 inches) to be shut up by doors, hinged to fall downwards. By this arrangement, plates can be slid in horizontally on to the adjustable upright threaded rods, to be levelled and dried. In much the same way, the top or lid of the box can be in two parts, and hinged to open from the front, thus allowing the operator to put the plates in from above on to the upright adjustable rods. In either case the lid (or lids) should be in the form of frames, to carry a fine fabric to ventilate the interior. A hole in the crossbar admits the thermometer.

This description is given as a guide, to show the object of the construction; practical craftsmen may find other means which are equally suitable.

The points to be kept in view are, not to use excessive heat, as it will bake the gelatine; not to expose to light; to handle plates very gently when coated and drying, to prevent waves in the coating; to avoid noxious fumes; and at every stage of the process keep everything free from dust.

NEGATIVES AND EXPOSURES

The negative for collotype printing must not be "flat"; it should contain good gradations. Many objects are suitable for collotype, and the results are usually very attractive.

Negatives must be reversed for printing by collotype, except when the final printing is to be by offset. In all cases, where possible, the negatives and reversals should be on films, to facilitate the exposure.

Collotype glass plates are best exposed in the specially-made wooden frames; if thin metal plates are used as the collotype support, then the exposure can be made in vacuum printing-down frames.

The exposure must be timed by actinometer exposures, or by using a second or dummy frame, in which a similar negative is exposed on a similar collotype coating. The exposure should result in a clear, pale brown image; and as soon as taken from the frame, should be washed under running water to dissolve out all the chromate and leave the coating no longer sensitive to light. The plate, when thoroughly washed, can be stood up to dry.

In making exposures, the negatives must be carefully masked with thin tinfoil all round the subject, to give the exact size and shape of the print required. Beyond that, a further masking of orange paper should be used to prevent the collotype plate being exposed round about the picture.

PRINTING

The exposed collotype when dry is ready for printing. Before rolling any ink on, the film must be damped or "etched" with a glycerine mixture such as: glycerine, 300 parts; water, 100 parts; liquid ammonia, 10 to 20 parts; sodium chloride, 5 parts.

This is absorbed by the unexposed gelatine, which swells appreciably, and leaves the actual picture down below the surface. An excess of liquid ammonia will prevent the fine tints printing. A litho hand-press roller with a good nap is used to carry the ink down into the work.

Specially mixed ink must be used, known as collotype ink. If transfers are to be taken, the plate must be worked up first with ordinary ink before using the transfer roller. The best transfers are obtained when transfer ink without soap in its composition is used.

Although collotype printing is a branch of printing standing apart, yet that is not the main object which has prompted this description. The side issues and alternative uses to which it can be applied give it a practical importance.

In most cases a collotype plate can be made to give good transfers; and these can be used in a variety of ways for making colour plates. They lend themselves to artistic treatment to such an extent that the colour plates of large chromo-lithographs can be obtained, ready for the artist to add those dashes of colour which will bring the composition together. The Photo-Stone Co. put this aspect of collotype before the country some twenty-five years ago, when, unfortunately, lithographers did not grasp the importance of it.

Of the ways in which collotype is useful in planographic printing, the production of coarse grain originals has been very effective. Good transfers can be taken from them, and put on stone or zinc. This has been done to a large extent, and has served its purpose well. Transfers can be taken directly upon thin aluminium or zinc, and can be used as originals, or as colour plates for chromo work. This method was adopted some forty years ago as the nearest approach to tone photographic work on stone. It has been very largely used, and it is very probable that it gave rise to, or stimulated, the production of grained screens of the mezzograph type for lithographic tone work.

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Important Selectasine Development

New Automatic Press with High Output

Although the Selectasine process is a proved commercial success both in this country and the United States, the process in use up to the present time—that of producing the prints by hand—while giving excellent results, has precluded all possibility of mass production. Selectasine Patents, Ltd., have now, however, placed on the market an automatic power-driven colour printing press, which will produce excellent printed work at a rate of anything up to 2,000 impressions per hour and handle any stock up to double crown. A larger model takes stock up to 30in. x 40in.

The principle of the new press is exactly that of the original Selectasine process. The surface to be printed

on a clutch pedal puts the press in motion, and the operator feeds the card (or other sheet) into the grippers, and the frame containing the silk, with the card beneath it, travels down below the squeegee, which scrapes paint over the silk. The design is thus printed on the card, which is then released from the grippers and passed on to an endless band which delivers it from the machine.

The power is supplied by an electric motor of 2 horse-power, the consumption of electric current being low.

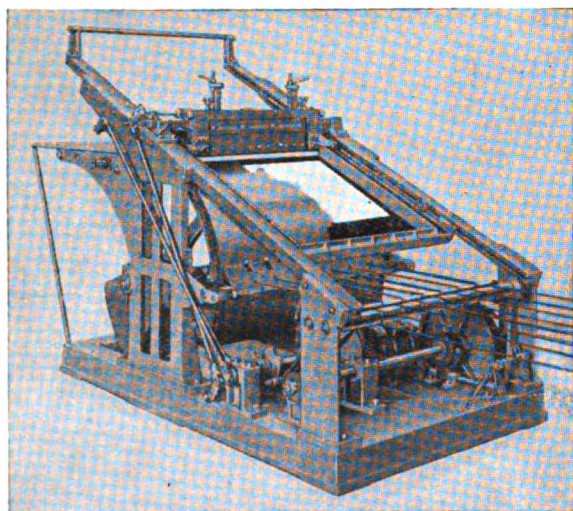
A representative of the *British and Colonial Printer and Stationer* who inspected the machine a few days ago was struck by its neat and simple appearance. It takes up little floor space, about 10ft. 6in. x 4ft. The action is light and there is comparatively little noise or vibration.

On request the press was run first at slow speeds and then at much faster speeds; in every case careful examination revealed prints of dead accurate register, giving excellent reproduction. Incidentally, it is easy to get good register: the silk frame is screwed down in a chase, either with or without metal furniture. At the time of inspection no metal furniture was being used, the frame simply being held down by bolts, yet register was perfect.

Actually, only one attendant is required—to start the machine and feed it; otherwise the entire process is automatic. Naturally the cost of Selectasine prints is greatly cheapened by this adoption of mechanical principles, and the economical application of the process is no longer limited to small runs.

Perhaps the most striking feature of Selectasine prints is the brilliance and opacity of the colour, the oil paints used giving distinctive effects. For the success of the process, of course, in pictorial work at any rate, a good design is essential in the first place, and the design must be in flat colours with no shading—a style which, incidentally, is very popular at the present time.

Terms of purchase, we understand, are very elastic, a fact which makes it easy for the small printer to take advantage of the process. There seems to be no doubt that the Selectasine process has a great future, and its use must be widely extended by the introduction of the new machine.



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THE NEW SELECTASINE PRESS

is laid to register under a frame containing a tightly stretched sheet of silk, known as the "screen," upon which the design is either traced and filled or photographed. The fact that the design can be photographed on to the silk is itself an important new development; hitherto it could only be traced by hand. The question of which method to use depends largely on the class of work to be done. The area outside the design is coated with cellulose "filler," so as to admit no other colour; the paint for the design itself is then applied, the colour being poured on the silk, and pressed through by squeegee action. The silk is next washed free of colour (the filler surrounding the design remaining unaffected), and filler is then applied to the parts of the design in which the first colour is to show in the finished print. Then a similar procedure is carried out for the next colour, and so on. The colours being opaque, they can be placed one upon another without any fear of complications due to colour transparency.

The actual work on the screen requires the services of a person with a little art training—a litho artist makes a very capable screen hand.

The new press is a simple mechanism and is extremely easy to work. The general principles can be gathered from the accompanying illustration. Pressure

The Progress of Offset in Holland

The offset process is continually being employed on a more extensive scale in Holland. The following figures, published by *Papyrus*, indicate the development.

In the year 1922, there were 40 offset machines in use; in 1925, 56; 1927, 77; and at the end of 1929, 156, with over 19 in course of being fitted up at the end of the year. Colour offset is also in favour. In 1927 there were 5 machines for two colours; 1927, 11; 1930, 37. Finally, 64 per cent. of the lithograph offices employ offset machines. The most usual dimensions are 120 x 85 centimetres.



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THE Ben Franklin model TrimO saw was designed primarily to meet the requirements of the smaller office where the larger investment required to provide either an "A" or Junior TrimO saw cannot be justified. It is, however, well adapted for trade composition and newspaper offices. Table measures 20in. x 19in. The work holder gauge capacity is 60 picas, graduated to half points. As with the other models, the finger is not only removable from the main gauge, but it is very quickly moved along the gauge to any desired position. However, in this model we have adopted the common and less expensive construction of mounting trimmer knives in the saw head, but we have improved on the adjustment feature over present day practice. The base of the machine and the column form a non-clogging chip pipe. A 'quick as a wink' raising and lowering saw feature is provided.

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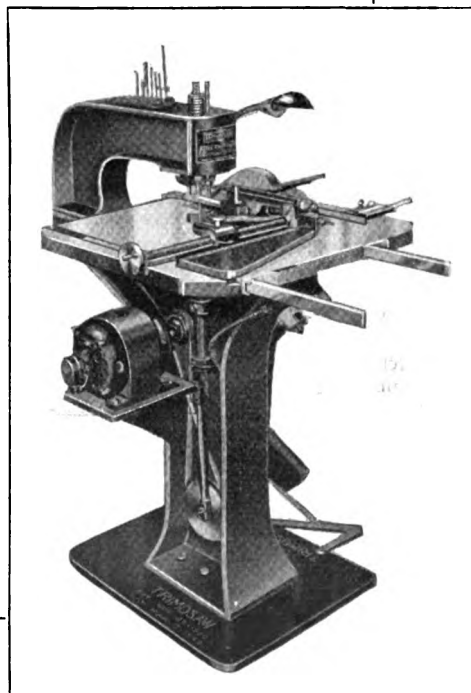
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MODEL A-Three TRIM-O-SAW

THE model A-Three TrimO saw is a complete saw trimmer, router, drill, jig saw, type high planer, mitreing machine, etc. Table is 28in. x 28in. Main gauge capacity 85 picas graduated to half points. Operations performed—saws, trims, drills, jig saws, mitres (right and left hand at one operation) with face of rule up, mortises (inside and out), notches, undercuts, grinds, routs, broaches, planes type, countersinks, etc. The saw is positioned to the table by levers, which lift and lower the saw quickly and lock it firmly. Micrometer work holder gauge with the work holder clamp and finger. Point measure gauge from 10 points to 86 picas by half points. This model is ideally suitable for the printer who handles a large number of blocks requiring routing, mortising, etc. The mitreing attachment will handle 16—6 point rules, face up, at one time. A blower in the head bracket keeps working space clear



Demonstration or Literature on request.

The Lanston Monotype Works

Visited by S.W. London Printers

The South-West London Master Printers' Association paid an official visit to the works of the Lanston Monotype Corporation, Limited, at Horley, Surrey, on Tuesday, June 17th, 1930. Such is the formal announcement of the event; but no mere formal statement can do justice to the most entertaining and instructive day that was spent by the party privileged to enjoy the hospitality of the Monotype Corporation on this occasion.

Close upon fifty members and their ladies—among whom were Messrs. A. Spring, J. D. Wise, E. G. Cole and E. J. Pegg (past-presidents), Mr. G. Rangecroft (vice-president), Mr. W. J. Boyle (secretary of the Central Districts Association), Mr. E. G. Baker (assistant secretary, London Master Printers' Association), and Mr. Fred A. Chivers (hon. secretary of the S.W. Association)—accepted the invitation and the day commenced with a very pleasant drive by motor coach from Clapham Junction to Horley.

Arriving about noon, the party was welcomed by various members of the Corporation, headed by Mr. W. I. Burch, the managing director, and after a preliminary interval sat down to enjoy luncheon which was served with the perfection that marks all "Monotype" undertakings.

A STORY OF PROGRESS

After the loyal toast had been honoured, Mr. Burch, in his inimitable manner, extended a cordial welcome to the visitors and favoured them with a short résumé of the growth and development of the Monotype Corporation since its commencement some thirty years ago. It was wonderful to realise that from such small beginnings the magnificent result of to-day had been achieved.

The response on behalf of the South-West Association was made by the treasurer and past-president, Mr. A. Spring, who is also vice-president of the London Monotype Users' Association. In a speech full of humorous allusions, Mr. Spring thanked Mr. Burch for the hospitality extended, and took the opportunity to express the regret that all felt at the absence of the Association's president, Mr. J. H. Quinn, who, owing to serious illness, was unable to be present. As a postscript to his speech Mr. Spring had the very great pleasure to announce the success of the South-West in the "Inter-District Printing Competition," and mentioned that the "Cup" had been awarded to them on the previous day. This item was received with great applause, and Mr. Burch added his congratulations on the happy event.

TOUR OF THE PREMISES

After lunch, the party was divided into small sections, each under the direction of a member of the staff, and a thorough tour of the works was made.

It is impossible in a brief report to describe the wonders that this inspection revealed. Perhaps the most striking thing about it all is the marvel of organisation, complete in every detail which results in the production of the Monotype machine, which many of us know so well by actual use and others fondly dream of possessing.

The care that is taken to achieve perfection in each detail is wonderful to see, and it is quite easy to understand the versatility and wide range of useful-

ness that the machine represents. Continual experiments are being made by the firm's engineers and designers, the results being placed at the disposal of Monotype users in ever-increasing variety.

A CRICKET CHALLENGE

The tour of the works completed, an adjournment was made to the Sports Ground and the conversation turned on this aspect of the Corporation's activities. Small wonder that the delight of these beautiful surroundings should prompt a sort of "Oliver Twist" feeling which resulted in the issue of a challenge to a cricket match between the Corporation team and an eleven from the South London Master Printers' Associations. The challenge was accepted, and a fixture made for July 12th when it is hoped that the cares of the work-a-day world will be thrust aside and the more agreeable things of life enjoyed for a brief while.

We had not yet exhausted the pleasures of the visit, for a most welcome tea was served in the canteen at which Mr. E. Quick, the London sales manager, presided.

After tea, to which full justice was done, Mr. G. Rangecroft, vice-president of the Association, expressed the thanks of the visitors for the admirable service in catering for the welfare of the party rendered by the waitresses who had looked after the creature comforts, and the guides who had conducted the tour of the works.

A pleasant interval between tea and the departure of the party at about 6 p.m. was spent in general conversation during which the ladies were refreshed with ices and the gentlemen revived their spirits.

This delightful day was concluded with a circular tour home through some of the famous beauty spots of Surrey, by Reigate, Dorking, Box Hill, Oxshott Heath and back via the Kingston By-Pass to Clapham Junction which was reached about 8 p.m.

It will long remain in our memories as a red-letter day in the history of the South-West Association and all who contributed to its success may be assured that their services were greatly appreciated. F. A. C.

Waterlow and Sons

Shareholders of Waterlow and Sons are advised by the board that the action brought by the Bank of Portugal against the company arising out of the Portuguese bank note frauds of 1925 has been set down for hearing in the English Courts on July 16th next. The plaintiff's claim is £1,115,613 as damages with interest at 5 per cent. from December, 1925. This claim is subject to a set-off in the company's favour of an amount estimated at between £400,000 and £500,000. The company, on the advice of counsel, has denied liability and is contesting the claim.

It is added that the board has declared the usual interim dividend of 2½ per cent., free of tax, on the deferred ordinary, which will be paid at the same time as the second interim dividend on the preferred ordinary—namely, June 30th. The available results of the first six months' trading show an improvement on the corresponding period of last year.

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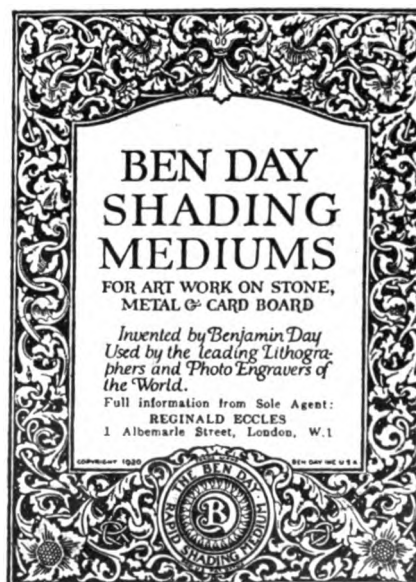
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Caxton Convalescent Home

Unveiling of Drummond Memorial

The committee of the Caxton Convalescent Home, Limpsfield, paid its annual visit to Limpsfield on Saturday, June 14th, being favoured with glorious sunshine. A large company assembled, including Mr. T. W. George (president), Messrs. H. W. Howes, G. C. Josland, C. E. Mason, T. E. Naylor, J.P., M.P., and J. P. Smith (vice-presidents), Mr. C. W. Bowerman, J.P., M.P. (treasurer), Mrs. H. Drummond, Mrs. M. White and sons, Mr. and Mrs. P. Evans, Mr. and Mrs. W. A. Masters, Mr. (and Mrs.) J. Mortimer, O.B.E., Mr. H. F. Parker, and the secretary, Mr. W. F. France, J.P.

The committee and visitors gathered in the entrance hall at 3.30 p.m. to witness the unveiling of a Bronze Plaque placed on the west wall, to the memory of the late Mr. Charles James Drummond, M.B.E., J.P., president of the Home 1911—1929.

Mr. T. W. George presided, and in his introductory remarks stated it was the desire of the committee to perpetuate Mr. Drummond's memory in the Home in which he had been identified since its inception.

The president then called upon the Rt. Hon. C. W. Bowerman, J.P., M.P., who had had fifty years' association with Mr. Drummond, to unveil the Plaque.

Mr. Bowerman recalled the time when Mr. Drummond consulted with an eminent doctor as to the choice of a site for an inland home for printers, bearing in mind the lung complaints which then beset the printing fraternity. This was in place of the original plan of a home at Swanage, Dorset. Limpsfield was chosen, and largely through Mr. Drummond's influence, the late Mr. Passmore Edwards contributed a sum of money to start the building. That was nearly forty years ago, and he had remained its guiding spirit to his death.

Mr. T. E. Naylor supported the previous speakers' remarks. He said Mr. Drummond was a man of fearless and independent character, when he believed a thing was right, he maintained it against all opposition.

The company then proceeded to the War Memorial Room, where the president placed a Laurel Wreath at the foot of the Memorial Screen, after a brief tribute to the memory of the men whose names were recorded on the Screen.

A short meeting of the committee was then held in the Boardroom, when Mr. F. G. Parish, a pioneer member of the committee, unveiled a portrait of the late Mr. Samuel J. White, secretary of the Home

1913—1929. Mr. Parish paid eloquent testimony to the sterling qualities of Mr. White.

About one hundred sat down to tea. At its conclusion, the president, Mr. T. W. George, expressed the pleasure of the committee in welcoming so many friends to the Home. Congratulatory remarks were made by Mr. Philip Evans and Mr. H. Wilson Howes with their accustomed mastership of oratory.

B. Winstone and Sons, Ltd.

Commemoration Dinner

On his completion of 25 years' service as a director of B. Winstone and Sons, Ltd., Mr. William Muirsmith, J.P., chairman and managing director of the company, was entertained by the directors, staff and a number of operatives with 25 years' service, at the First Avenue Hotel on Friday evening last. In all fifty sat down to dinner.

Mr. F. R. Briant, director, occupied the chair. The toast of "The King" was given by the chairman, and was loyally received.

Mr. Briant next proposed the health of Mr. William Muirsmith, and outlined the continued progress of the firm during the preceding 25 years. He warmly expressed the appreciation of the directors for the inspiration and guidance received from Mr. Muirsmith. The toast was supported by Mr. J. W. Russell, commercial manager, on behalf of the staff, and by Mr. F. O'Leary for the operatives. Mr. Briant then presented to Mr. William Muirsmith a handsome silver tray fitted with cigarette box and lighter. This was accompanied by an illuminated album containing the names of the subscribers—175 in all.

In replying to the toast, Mr. William Muirsmith gave an amusing and interesting outline of the earlier history of the firm and its development during the past 25 years. He expressed his great appreciation of the beautiful and useful presentation made, and thanked all the subscribers for their kind thought and generosity.

The toast of "The Continued Prosperity of the House of Winstone" was proposed by Mr. Francis Sheridan, country sales manager, supported by Mr. B. B. Murdoch, technical manager. This was replied to by Mr. Eric W. Muirsmith, joint managing director, who also proposed the toast of "The Staff," which was replied to by Messrs. F. A. Martin, H. Smith, J. Mackenzie and E. Milne Henderson.

Mr. T. C. Sterndale Bennett and Mr. Cecil Meyer ably entertained the company. A very pleasant evening, in which the spirit of goodwill and co-operation was very evident, concluded with a hearty vote of thanks to Mr. Briant as chairman.

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Dividends and Reports

GEORGE NEWNES.—Profit of these London printers and publishers to March 31st, after providing for all necessary reserves for depreciation and bad debts, and for directors' fees, was £155,284 (against £116,597), plus £66,079 brought in, making £221,363 (against £172,079). Final dividend on ordinary 9 per cent., making 15 per cent., plus bonus 5 per cent. (same dividend and bonus paid previous year on smaller capital). Employees' sick and pension fund absorbs £5,000 (same), staff bonus £5,000 (same), general reserve account £10,000 (same), development fund £10,000 (against nil), forward £57,101.

C. ARTHUR PEARSON, LTD.—Report states that after providing for the necessary reserves, directors' fees, bonuses to staff, and pension fund, there remains a balance of £71,993 (against £72,240), to which is added £46,162 brought forward, making a total sum to credit of profit and loss of £118,155. Preference dividend absorbs £13,750, the ordinary dividend of 15 per cent. (the same), including the interim payment of 6 per cent., requires £39,375, the sum of £20,000 (against nil) is paid as a tax-free bonus on the ordinary shares, £10,000 is carried to development account, and £35,030 carried forward.

New Companies

J. YOUNG AND SONS, LTD.—Capital £1,500, in £1 shares; to acquire the business of a printer now carried on by J. Young at 12, Dock-street, Hull. Private company. Directors: J. Young, 19, Jalland-street, Hull, A. R. Young, Constance I. Spencer and T. B. Bowron.

F. VAN HOUTEN, JR., AND CO., LTD.—Capital £1,000, in £1 shares; to acquire the business of rubber stamp

manufacturers, brass plate engravers, stencil cutters, die sinkers, printers, stationers, carried on at 34, Palmer-street, Westminster, S.W.1, as "F. Van Houten, Jr., and Co." Private company. Directors: Capt. F. Van Houten, Jr., and J. W. Horrabin Le Gallienne. Registered office: 34, Palmer-street, Westminster, S.W.1.

PEARSE AND BROWN (1930), LTD.—Capital £1,000, in £1 shares; stationers, printers, bookbinders, booksellers, newsagents, advertising agents and contractors, paper manufacturers, cardboard box manufacturers, etc. Private company. Directors: C. L. Rees and E. I. E. Phillips. Solicitor: E. Harris, 3, Fisher-street, Swansea.

HOTEL FINDER, LTD.—Capital £100, in £1 shares; newspaper proprietors, publishers and printers, etc. Private company. Directors: H. Birkett, J. L. C. Hurst and H. E. Newman. Registered office: 95, Dean-street, W.1.

R. H. TATTON AND CO., LTD.—Capital £1,000, in £1 shares; advertising and publicity agents and specialists, advertising consultants, press and press cutting agents, etc. Private company. Directors to be appointed by subscribers. Solicitors: Nicholson, Graham and Jones, 19-21, Moorgate, E.C.

Mortgages and Charges

HARRISON, JEHRING AND CO., LTD. (newspaper proprietors, printers, etc., 11-15, Emerald-street, Theobalds-road, W.C.1).—Mortgage debenture dated June 3rd, 1930, to secure £5,413 8d., charged on the company's undertaking, property and assets, including uncalled capital, but excluding any shares held by the company or its nominees in the United Press, Ltd. Holders: Mills Conduit Investments, Ltd., 16, Conduit-street, W.

PREMIER PRESS, LTD. (44-50, Lancaster-street, Southwark, S.E.).—Particulars filed of £10,000 debentures, authorised May 22nd, 1930, charged on the company's undertaking and property, present and future, including uncalled capital, the amount of the present issue being £7,000.

A. STRAKER AND SON, SMITH BROS., LTD. (in liquidation), bookbinders, etc., Wheatsheaf Works, Whitefriars, E.C.—Satisfaction in full on October 22nd, 1926, of memorandum of deposit dated March 9th, 1929, and registered March 11th, 1909. (According to the register of mortgages, the charges registered March 11th, 1909, originally secured all moneys, etc.) Notice filed June 10th, 1930.

JAMES POOL AND SONS, LTD. (wholesale, export and manufacturing stationers, etc., 11, Ludgate-hill, E.C.4).—Land registry charge on 1 and 2, Joiners Hall Buildings, Upper Thames-street, E.C., dated June 11th, 1930, to secure all moneys due or to become due from the company to Barclays Bank, Ltd.

MANCHESTER GUARDIAN AND EVENING NEWS, LTD. (3, Cross-street, Manchester).—Satisfaction in full on June 2nd, 1930, of mortgages dated September 21st, 1920, and February 28th, 1921, and registered September 27th, 1920, and March 3rd, 1921, securing £12,000 and £15,000 respectively.

JOHN DICKINSON AND CO., LTD. (envelope and card manufacturers, etc., Apsley Mills, Hemel Hempstead).—Satisfaction in full on June 29th, 1912, of debenture stock authorised by resolution dated March 13th, 1895, and registered September 25th, 1908. Notice filed June 13th, 1930.

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ALEXANDER SALTON, LTD. (printers, stationers, etc., Dover-street, West Hartlepool).—T. R. G. Rowland, of 3, Scarborough-street, West Hartlepool, ceased to act as receiver or manager on April 30th, 1930. Notice filed June 12th, 1930.)

Bankruptcies

Re FRANCIS HUGH WALLS, printer and stationer, 13, Size-lane, Queen Victoria-street, E.C.—An application was made on June 17th to Mr. Registrar Mellor at the London Bankruptcy Court for an order of discharge on behalf of this bankrupt who failed in September, 1926. According to the official receiver's report the provable debts amounted to £1,100 and the only asset disclosed was a one-half share in a partnership estimated to produce £250; the official receiver had realised £88 and had paid a dividend of 1s. 1d. in the £ on proofs of debt amounting to £902. The bankrupt began business in May, 1923, in equal partnership with another person and the connection was continued until the making of the receiving order, when it came to an end, the partner carrying on the business which had throughout shown a profit. The bankrupt attributed his failure and insolvency to having lived beyond his means and to heavy interest on borrowed money. The application was opposed by the official receiver upon the grounds of unjustifiable extravagance of living and gambling, and his Honour suspended the discharge for one year.

London School of Printing

The high standard of the work produced by students of the London School of Printing is exemplified by the exhibition which is now being held at the School, 61, Stamford Street, S.E. The efforts of whole-time, day and evening students in composing, layout design, lithography, photo-litho, bookbinding and account book printing, stereotyping and electrotyping are on view, and in all sections a standard of excellence is apparent which bears eloquent tribute to the work of Mr. J. R. Riddell and his extremely capable staff. Much of the work was executed for competition, and is of such uniform good craftsmanship that the examiners must have had a difficult task in selecting winning designs. The exhibition remains open until Friday, July 5th.

PARTNERSHIP has been dissolved between A. C. Willows, W. Parker, and J. P. Hartley, publishers, 109, Cavendish-street, Keighley, Yorks, under the style of "The Keighley Gazette."

PORTUGUESE BANK NOTE CASE.—The banknote trial at Lisbon, after lasting 26 days ended last Thursday. Alves Reis was found guilty of having forged contracts with the Angola Bank and the Bank of Portugal, of having falsified letters to Messrs. Waterlow, and also of having employed fraudulent means to induce Messrs. Waterlow to print notes for introduction into Portugal, of having introduced 333,000 false notes into Portugal, and of having tampered with the correspondence between Messrs. Waterlow and the Bank of Portugal. He was condemned to 25 years' transportation, with the alternative of eight years' imprisonment and 12 years' transportation. Other persons implicated were also heavily sentenced.

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H.M. STATIONERY OFFICE

TENDERS to be delivered before noon on Friday, 11th July, 1930, are invited for Law Printing for the Treasury Solicitor's Department—Group 332. The Contract is restricted to firms with works within a radius of three miles from Charing Cross, London. For Particulars apply to the Controller, H.M. Stationery Office, Westminster, S.W.1.

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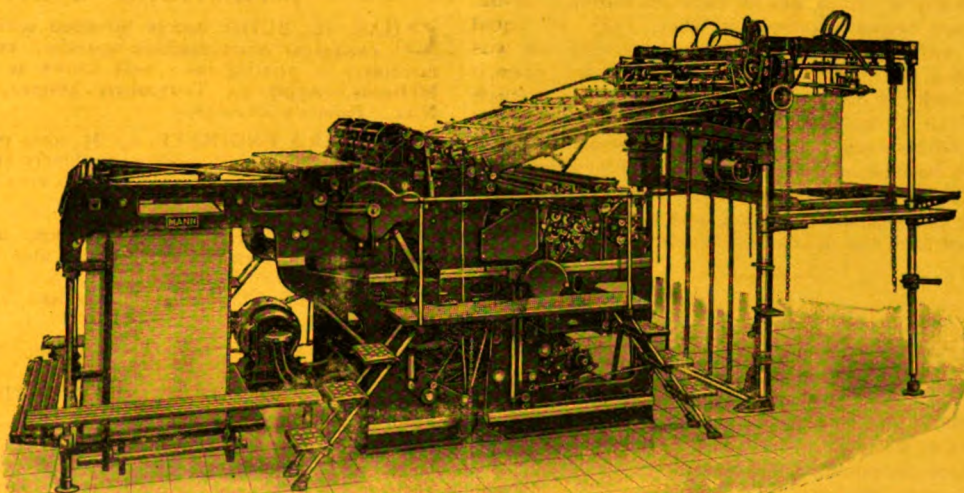
THE staff of Messrs. A. W. Duncan and Co., Ltd., printers, Liverpool, held their annual outing at Windermere. The L.M.S. Rly. provided a special saloon train for the party, and, arriving at Windermere before 11 o'clock, a long day was available to explore the beauties of the district. In the afternoon motor launches were chartered to take the party a cruise round the lake. Luncheon and tea were served at the Stag's Head Hotel. Mr. H. K. Ormerod, a director, expressed regret at the absence of Mr. A. W. Duncan, who was abroad, and said he had sent his good wishes for the success of the outing. Members of the staff thanked the directors for their interest in and support of the staff's annual picnic, and special tribute was paid to Miss Light (secretary to Mr. A. H. Eaton—a director) who had made the excellent arrangements. An abridged guide book and programme had been printed, and this enabled members of the party to make the most of their visit and the ideal weather.



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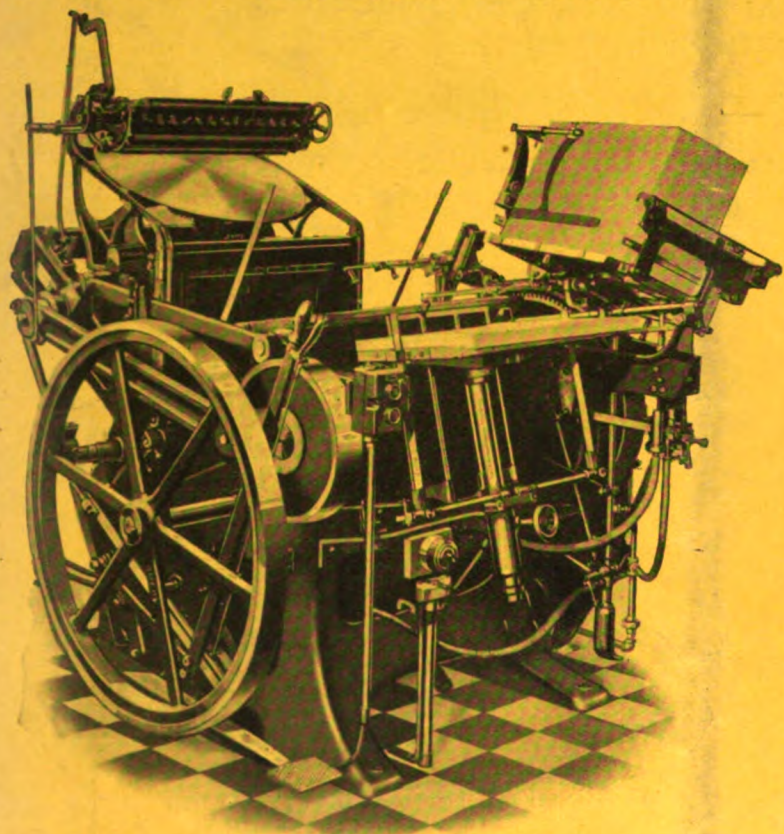
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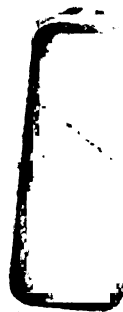
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